

AD A074686

USAFETAC/DS-79/046

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT MEADE MARYLAND/TIPTON AAF WBAN #93733
N 39 05 W 076 46 ELEV 160 FT KFME WMO #

PARTS A-F
POR FROM HOURLY OBS NOV 59-AUG 70
POR FROM DAILY OBS NOV 59-JAN 69, MAR 69-DEC 70

JAN 03 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

79 09 24 428

559-4420/6

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FOR THE COMMANDER


WALTER S. BURGHMANN
Scientific & Technical
Information Officer

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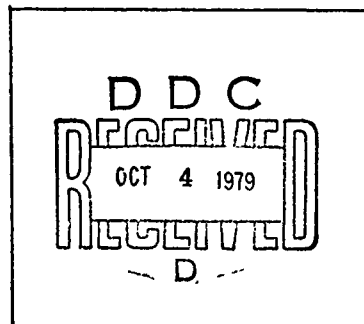
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Fort Meade, Baltimore, Maryland It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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- * Maryland

* Fort Meade MD

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DATA PROCESSING DIVISION
UCAFETAC OL-1
AIR WEATHER SERVICE (WAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY (Disregard column ≥ 10
Miles)
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
93733		FORT MEADE MARYLAND/TIPTON AAF		N 39 05		W 076 46		160		KFME			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION FROM MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	BAROMETER					
1	Ft Meade Maryland (2nd U S Army)	AAF	13 Nov 59	14 Sep 60	N 39 07	W 076 04	160	169	24				
2	Ft Meade Maryland	AAF	15 Sep 60	Feb 61	N 39 05	W 076 46	No Change	140.83	24				
3	Ft Meade Maryland/Tipton AAF	AAF	Mar 61	Mar 66	No Change	No Change	No Change	No Chge	24				
4	No Change	AAF	Apr 66	May 66	No Change	No Change	No Change	No Chge	18 & 16				
5	No Change	AAF	Jun 66	Sep 66	No Change	No Change	No Change	No Chge	24				
6	No Change	AAF	Oct 66	Nov 70	No Change	No Change	No Change	151.33	18				
7	No Change	AAF	Dec 70	Feb 71	No Change	No Change	No Change	No Chge	17				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 59 to 14 Sep 60	Located in the Control Tower.	AN/GMQ-11	None	37 Ft (approx.)	
2	15 Sep 60 to Feb 71	Located 790 ft from end of Rnwy 28, 170 ft N of edge of Rnwy 28.	No Change	RO-2	13 Ft	

USAFETAC FORM 0-19 (OL A)

CONTINUED ON REVERSE SIDE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733 STATION FORT MEADE MARYLAND/TIPTON AAF 59-70 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	7.2	.2	4.8		11.9	13.9	12.6	.8		25.5	7192
FEB		.0	8.5	.6	6.4	.0	14.5	17.3	11.7	.5		27.9	6546
MAR		.0	9.5	.0	3.1		12.4	15.7	9.0	.3		23.4	7189
APR		.4	12.6		.1		12.6	13.3	8.9			20.6	6885
MAY		.9	8.4				8.4	13.4	12.1			23.0	6946
JUN		1.6	5.7				5.7	13.4	21.8			30.9	6931
JUL		1.4	4.6			.0	4.4	14.5	28.5			37.6	7179
AUG		1.6	4.6				4.6	15.6	28.9			38.8	7189
SEP		.5	8.1				8.1	19.6	18.4			34.5	6472
OCT		.0	5.6				5.6	15.0	14.3			25.9	6466
NOV		.0	8.2		1.0		8.9	13.8	12.6			23.2	6621
DEC		.0	7.0	.9	4.0		11.4	16.9	12.3	.2		27.2	7173
TOTALS		.5	7.5	.1	1.6	.0	9.0	15.2	15.9	.2		28.2	82789

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		8.1	.3	4.3		12.4	15.1	7.2	1.1		22.1	651
	03-05	.2	7.8	.3	5.1		12.6	15.8	8.1	1.5		24.0	651
	06-08		7.0	.6	4.4		11.7	18.6	11.1	.8		26.5	1004
	09-11		7.1	.3	4.7		11.8	15.7	20.4	.4		33.9	1023
	12-14	.3	7.5		5.0		12.2	12.5	18.9	.5		30.7	1023
	15-17		7.0	.2	5.5		12.2	11.3	14.9	.6		24.9	1023
	18-20		6.8	.1	5.0		11.9	11.0	11.6	.8		22.2	909
	21-23	.1	6.1	.1	4.4		10.4	10.8	8.9	.7		19.5	908
TOTALS		.1	7.2	.2	4.8		11.9	13.9	12.6	.8		25.5	7192

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L & T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		9.8	.2	4.7		14.0	19.7	8.1	.5		26.9	594
	03-05		8.1	.8	6.2		14.1	23.1	6.2	.3		27.9	594
	06-08		7.8	1.3	5.7		14.0	20.2	10.8	.8		29.3	915
	09-11		8.0	.8	6.6		14.7	18.3	16.0	.8		33.2	933
	12-14		7.0	.4	7.2		14.1	14.6	14.8	.5		28.6	933
	15-17		7.6	.4	7.1		14.0	13.9	16.5	.2		28.4	933
	18-20	.1	8.6	.5	6.7		14.8	13.6	12.0	.4		25.3	822
	21-23		10.8	.5	6.8	.1	16.5	15.1	8.9	.4		23.5	822
TOTALS		.0	8.5	.6	6.4	.0	14.5	17.3	11.7	.5		27.9	6546

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		8.9		2.9		11.5	17.4	2.5	.3		20.0	650
	03-05		8.3		2.5		10.8	18.5	3.1	.3		23.1	649
	06-08		10.1		3.4		13.3	22.2	15.2	.5		34.2	1003
	09-11		10.3		3.2		12.9	15.8	15.4	.4		29.3	1023
	12-14		9.0		4.3		12.5	10.5	11.6	.4		21.6	1023
	15-17		9.6		3.5		12.7	11.6	9.5			20.3	1023
	18-20	.1	9.7	.2	2.5		12.3	13.8	7.7	.1		20.1	909
	21-23	.2	10.3		2.5		12.9	15.4	4.3	.2		18.8	909
TOTALS		.0	9.5	.0	3.1		12.4	15.7	9.0	.3		23.4	7189

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733 STATION FORT MEADE MARYLAND/TIPTON AAF STATION NAME 60-70 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.7	13.7		.2		13.8	14.7	2.5			16.4	593
	03-05	.3	13.5		.2		13.6	16.7	4.4			18.7	609
	06-08	.2	13.5		.2		13.6	21.6	15.8			33.5	976
	09-11		11.6				11.6	12.6	14.6			25.2	990
	12-14	.4	12.1				12.1	8.6	12.4			19.5	990
	15-17	.7	13.3				13.3	8.7	9.6			17.6	983
	18-20	.5	11.5				11.5	10.3	8.0			17.5	880
	21-23	.1	11.4		.1		11.4	13.0	4.2			16.4	862
TOTALS		.4	12.6		.1		12.6	13.3	8.9			20.6	6885

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733 STATION FORT MEADE MARYLAND/TIPTON AAF STATION NAME 60-70 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
HAY	00-02	.5	7.0				7.0	14.3	4.1			16.8	558
	03-05	.3	8.5				8.5	26.7	10.8			32.2	692
	06-08		11.1				11.1	24.7	23.2			41.1	1023
	09-11		9.0				9.0	9.5	17.2			25.1	1023
	12-14	.7	7.7				7.7	6.7	13.0			18.3	1023
	15-17	2.0	7.8				7.8	5.8	11.5			16.1	976
	18-20	1.6	8.5				8.5	8.2	9.9			16.8	879
	21-23	1.8	7.3				7.3	11.1	7.0			17.2	772
TOTALS		.9	8.4				8.4	13.4	12.1			23.0	6946

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	1.1	6.2				6.2	16.1	10.9			25.2	615
	03-05	.3	5.4				5.4	31.4	16.9			39.1	723
	06-08	.2	6.4				6.4	27.1	33.6			49.4	990
	09-11	.2	4.7				4.7	7.9	28.8			33.9	990
	12-14	.8	4.7				4.7	4.3	22.9			25.7	990
	15-17	3.1	4.9				4.9	4.1	21.1			23.5	953
	18-20	4.1	6.4				6.4	6.0	20.7			24.5	879
	21-23	3.0	7.0				7.0	10.6	19.5			26.2	791
TOTALS		1.6	5.7				5.7	13.4	21.8			30.9	6931

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733 STATION FORT MEADE MARYLAND/TIPTON AAF STATION NAME 60-70 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	3.2				3.2	18.9	12.7			25.5	651
	03-05	.4	3.3				3.3	34.1	19.3			41.6	747
	06-08	.1	4.7				4.7	32.1	41.7			37.4	1023
	09-11	.1	4.4				4.4	8.2	40.6			44.5	1023
	12-14	.9	4.5				4.5	3.1	34.6			37.1	1023
	15-17	3.9	4.8			.1	4.8	3.3	30.1			32.1	983
	18-20	3.2	5.1				5.1	6.0	27.7			32.3	906
	21-23	2.1	5.3				5.3	10.4	21.5			29.2	823
TOTALS		1.4	4.4			.0	4.4	14.5	28.5			37.6	7179

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.4	4.9				4.9	18.6	11.2			28.1	651
	03-05	.4	4.7				4.7	33.4	18.0			41.4	746
	06-08	.5	5.0				5.0	39.0	41.3			60.7	1023
	09-11	.3	4.3				4.3	10.0	40.0			45.1	1023
	12-14	.6	3.5				3.5	2.7	36.8			38.3	1023
	15-17	2.4	3.1				3.1	1.7	31.7			33.3	986
	18-20	3.8	5.2				5.2	6.1	29.6			32.7	912
	21-23	3.3	5.7				5.7	13.1	22.8			30.8	825
TOTALS		1.6	4.6				4.6	15.6	28.9			38.8	7189

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.8	9.0				9.0	27.0	7.3			32.9	633
	03-05	.3	8.8				8.8	33.1	11.4			38.8	703
	06-08		9.0				9.0	39.9	26.1			53.9	900
	09-11	.1	7.6				7.6	12.0	28.3			37.8	900
	12-14	.1	6.1				6.1	5.3	22.3			27.4	900
	15-17	1.3	8.0				8.0	5.5	20.0			24.5	872
	18-20	.1	8.0				8.0	12.9	19.2			29.4	812
	21-23	.9	8.6				8.6	20.9	12.5			31.5	752
TOTALS		.5	8.1				8.1	19.6	18.4			34.5	6472

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
UCT	00-02		3.6				3.6	17.4	7.0			23.3	557
	03-05		5.2				5.2	24.4	8.0			29.5	648
	06-08		5.3				5.3	36.8	22.9			45.5	925
	09-11	.1	6.6				6.6	12.9	27.2			36.6	928
	12-14	.1	7.4				7.4	4.8	16.6			20.9	930
	15-17		6.4				6.4	5.0	12.4			17.2	900
	18-20	.1	5.2				5.2	7.1	11.4			16.5	828
	21-23		5.1				5.1	11.2	8.7			17.5	750
TOTALS		.0	5.6				5.6	15.0	14.3			25.9	6466

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		8.6		1.0		9.3	16.1	7.8			21.0	591
	03-05		10.0		1.0		10.5	18.8	7.3			22.7	591
	06-08		9.7		1.0		10.1	25.1	16.1			33.2	927
	09-11		8.9		1.5		9.9	15.1	21.9			33.3	934
	12-14		7.7		1.2		8.7	8.4	16.5			23.3	954
	15-17	.2	7.2		.7		8.0	7.1	13.8			19.6	954
	18-20		6.9		.8		7.6	9.5	11.0			17.8	825
	21-23		6.3		.7		6.9	10.2	6.5			14.7	825
TOTALS		.0	8.2		1.0		8.9	13.8	12.6			23.2	6621

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

93733 STATION FORT HEADE MARYLAND/TIPTON AAF STATION NAME 59-69 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02	.2	5.5	1.7	3.1		9.7	16.3	7.5			23.0	651
	03-05		8.1	1.2	3.1		13.2	19.2	9.7	.3		27.2	651
	06-08		8.0	.4	4.1		11.8	23.8	11.7			30.4	1002
	09-11		7.4		4.9		12.0	19.1	20.8	.3		35.8	1023
	12-14		6.5	.1	5.8		12.1	13.5	17.0	.3		29.2	1023
	15-17	.1	7.2	.4	5.1		12.2	12.4	14.8	.3		25.6	1023
	18-20		7.7	1.4	2.7		11.3	15.4	10.2			24.0	900
	21-23		5.6	2.2	1.4		8.9	15.8	7.0			22.0	900
TOTALS		.0	7.0	.9	4.0		11.4	16.9	12.3	.2		27.2	7173

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

DATA PROCESSING DIVISION
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XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-66
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.9	29.0	2.8	23.5		44.7	37.5	41.9	2.8		54.8	217
FEB		1.5	37.9	4.5	29.8	1.5	51.0	43.4	43.9	2.5		56.6	198
MAR		1.4	40.7	.5	14.4		48.6	39.4	34.7	.9		50.0	216
APR		8.2	49.5		2.0		50.0	38.8	26.5			45.9	196
MAY		14.5	44.1			1.6	44.1	43.0	39.2			52.2	186
JUN		22.4	44.4			.5	44.4	53.2	54.1			65.9	205
JUL		15.7	35.9			.5	35.9	52.1	58.1			65.0	217
AUG		15.2	35.5				35.5	56.2	61.3			68.2	217
SEP		5.2	35.2				35.2	59.0	54.3			66.2	210
OCT		1.1	26.9				26.9	51.6	48.4			57.0	186
NOV			35.5	.5	4.0	.5	36.0	42.1	42.1			51.3	197
DEC		.9	32.7	7.5	17.5		40.1	43.3	39.2	.5		54.4	217
TOTALS		7.2	37.3	1.3	7.0	.4	41.0	46.7	45.3	.6		57.3	2462

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 29-66, 70
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	25-50	51-63	64-104	105-154	155-254	255-504	505-1000	OVER 1000			MEAN	GREATEST	LEAST
SNOWFALL	NCNC	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	505-1000	OVER 1000					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	53.5	10.1	2.0	6.0	3.7	4.1	6.5	5.5	1.8					7.3	30.4	217	3.25	5.29	1.81
FEB	40.5	14.1	2.5	7.4	4.0	8.6	4.3	7.1	2.0					10.1	37.4	198	3.62	4.59	2.10
MAR	44.5	10.7	.5	8.1	2.2	5.4	7.0	7.5	2.2					10.7	32.9	184	4.19	5.02	3.02
APR	46.6	16.2	1.3	5.7	5.2	7.6	7.6	6.2	1.4					7.6	55.2	210	3.37	4.49	1.20
MAY	54.8	17.1	3.2	3.7	3.2	5.5	6.9	4.1	.9	.5				5.5	28.1	217	2.97	5.36	1.25
JUN	53.2	13.2	1.4	6.7	3.8	8.6	6.7	4.3	1.4	.5				6.2	33.3	210	3.43	6.37	1.88
JUL	60.9	14.1	.4	10.1	1.2	4.4	3.2	4.0	1.6					5.6	23.0	248	2.33	4.51	.42
AUG	60.9	12.5	2.4	5.6	3.0	3.2	3.2	4.4	3.6	.4				6.4	24.5	248	3.76	5.15	1.32
SEP	63.0	11.4	2.4	4.3	3.3	5.2	3.3	1.9	2.9	1.0				5.8	24.3	210	3.37	6.02	.63
OCT	69.6	11.1	1.4	5.1	4.1	2.8	2.4	2.3	1.4					3.7	19.4	217	2.00	3.25	TRACE
NOV	64.2	7.1	1.4	1.5	6.2	5.7	5.7	4.3	2.9	.5				7.7	28.6	210	3.60	7.88	.62
DEC	57.3	14.4	2.4	4.0	4.8	4.8	4.0	5.6	2.0					7.6	27.8	248	3.00	4.16	.78
ANNUAL	57.1	13.5	2.0	5.7	3.8	5.5	5.1	4.8	2.2	.2				7.2	29.2	2617	3.17		

1210 WS FORM 15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

93733 FORT MEADE MARYLAND/TIPTON AAF 59-66, 70
STATION STATION NAME

24 HOUR AMOUNTS IN INCHES

[illegible]

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF
STATION STATION NAME

59-66, 70

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 93733 FORT MEAD, MARYLAND/TIPTON AAF 29-65, 70 YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	05-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	76.3	12.4	4.7	4.3	1.1	.5		2.7					4.3	11.7	106	7.3	14.7	.9
FEB	69.4	14.1	5.2	2.9	4.7	1.8	.6	.6	.6				8.3	16.3	170	6.3	13.6	1.2
MAR	85.7	7.4	.9	.5	1.0	.9	.9	1.4		.9			5.5	6.9	217	8.9	24.1	.0
APR	90.6	1.4													210	TRACE	TRACE	.0
MAY	100.0														217	.0	.0	.0
JUN	100.0														210	.0	.0	.0
JUL	100.0														248	.0	.0	.0
AUG	100.0														249	.0	.0	.0
SEP	100.0														240	.0	.0	.0
OCT	100.0														217	.0	.0	.0
NOV	99.7	1.9	1.4	.5	.5								0.5	2.4	210	.4	1.5	.0
DEC	83.1	8.1	1.2	2.8	1.2	.8	.8	1.6	.4				4.8	8.9	248	7.0	21.3	TRACE
ANNUAL	92.4	5.8	1.0	.9	.0	.3	.2	.5	.1	.1				3.8	2621	31.9		

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 59-66, 70

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59											.0	.9	
60	.9	2.0	11.1	.0	.0	.0	.0	.0	.0	.0	.1	7.1	11.1
61	6.3	8.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.5	8.4
62	1.0	3.1	14.1	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2	14.1
63	2.7	2.2	1.6	.0	.0	.0	.0	.0	.0	.0	1.5	6.0	6.0
64	5.0	6.0	6.4	TRACE	.0	.0	.0	.0	.0	.0	.2	.6	6.4
65	3.8	1.2	3.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.8
66	5.0	T	.0	T	.0	.0	.0	.0	.0	.0	.0		
70				.0	.0	.0	.0	.0	.0	.0	.0	4.4	
	7	7	7	7	8	7	8	8	8	7	8	8	
MEAN	3.62	3.82	5.19	TRACE	.00	.00	.00	.00	.00	.00	.41	3.46	8.63
S D	2.406	2.794	3.581	.000	.000	.000	.000	.000	.000	.000	.620	2.821	3.345
TOTAL OBS	186	170	217	210	217	210	248	248	240	217	210	248	2621

EXTREME VALUES

93733 FORT MEADE MARYLAND/TIPTON AAF 59-66, 70
STATION STATION NAME

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

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2 DATA PROCESSING DIVISION
(USAF ETAC
(AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 29-70
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 03	06 10	11- 25	26 50	51 100	101 250	251-500	501-1000	1001 2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	69.2	4.7	9.4	5.0	3.8	3.2	3.2	.9	.6					26.1	341				
FEB	60.1	2.7	4.4	4.9	3.5	8.9	5.3	1.8						28.3	263				
MAR	88.9	1.8	2.1	1.8	1.3	2.3	1.8							9.4	341				
APR	100.0														306				
MAY	100.0														341				
JUN	100.0														330				
JUL	100.0														341				
AUG	100.0														341				
SEP	100.0														330				
OCT	100.0														341				
NOV	99.7		.3											.3	330				
DEC	76.6	4.3	5.9	4.8	2.2	4.6	1.6							15.1	372				
ANNUAL	91.7	1.6	1.8	1.4	.9	1.5	1.0	.2	.0					6.9	3891				

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SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93733
STATION

FURT HEADE MARYLAND/TIPTON AAF

59-70

YEARS

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USAF ETAC FORM 0-88-5 (OLI)
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USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93733 STATION FORT MEADE MARYLAND/TIPTON AAF 59-70
STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70

DAILY PEAK GUSTS IN KNOTS

[illegible]

USAF ETAC FORM 0-88.5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
59													WINDS DAYS
60											0	0	WINDS DAYS
61	0 NW 32 27	0	0	0	0	0	0	0	0	0	NNE 32 13	W 38 27	WINDS DAYS
62					NW 23 18	N 20 20	29W 22	31 25					WINDS DAYS
63			W 39 26	NNW 41 24			NW 26 23	NW 30 24	SW 20 26		W 42 20	NNW 34 25	WINDS DAYS
64	NNW 43 27		W 43 23		W 31 27	NNW 44 25		SSW 23 25					WINDS DAYS
65							W 35 25						WINDS DAYS
66					W 38 26								WINDS DAYS
67			NNW 43 26		W 36 23	E 20 10	C 0 27	E 18 10		SW 38 27		NW 36 26	WINDS DAYS
68	NNW 46 24	NNW 49 15	NNW 42 23				27/ 43 27						WINDS DAYS
69	29/ 38 22									31/ 19 16			WINDS DAYS
70									26/ 30 24				WINDS DAYS
MEAN													
S D													
TOTAL OBS.													

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-70
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	1.1	.3	.0							4.0	5.8
NNE	.5	.9	.5	.1	.0							2.1	5.4
NE	.6	1.4	.8	.1	.0							3.0	5.7
ENE	.5	1.3	.8	.2	.0	.0						2.8	6.1
E	1.0	1.9	1.1	.2	.0							4.3	5.6
ESE	.6	1.0	.5	.1								2.2	5.2
SE	.7	1.1	.6	.1	.0							2.6	5.4
SSE	.8	1.2	.7	.1	.0							2.8	5.4
S	1.5	2.0	1.1	.2	.0							4.9	5.2
SSW	.8	1.3	1.0	.3	.0	.0						3.4	6.1
SW	.8	1.4	1.1	.3	.0	.0						3.7	6.3
WSW	.6	1.2	.9	.2	.0	.0						2.9	6.2
W	1.2	2.1	2.3	1.3	.3	.1	.0	.0				7.3	8.1
WNW	.8	1.7	2.3	1.8	.4	.1	.0					7.0	9.0
NW	1.0	2.1	2.6	1.6	.3	.1	.0					7.8	8.5
NNW	.7	1.3	1.5	.8	.1	.0	.0					4.5	7.7
VARBL													
CALM												34.8	
	13.4	23.5	19.0	7.7	1.2	.3	.0	.0				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 82791

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	1.0	.4	.0							3.9	6.2
NNE	.5	.7	.5	.1								1.8	5.8
NE	.6	1.3	1.3	.2								3.6	6.4
ENE	.5	1.0	.9	.5	.0							3.0	7.1
E	.8	1.2	.5	.2	.0							2.6	5.5
ESE	.4	.6	.2	.1								1.3	4.8
SE	.3	.7	.2									1.2	5.0
SSE	.7	1.0	.3	.0								2.0	4.6
S	1.1	1.5	.8	.1								3.5	5.2
SSW	.7	1.3	1.0	.2	.0							3.3	6.1
SW	.8	1.4	1.4	.3								3.9	6.3
WSW	.6	.7	.8	.2								2.3	6.3
W	1.0	1.8	2.6	2.2	.6	.8	.0					8.8	9.9
WNW	.9	2.1	3.3	3.0	.8	.2						10.2	9.8
NW	.9	2.6	3.3	2.5	.5	.2						10.0	9.1
NNW	.9	1.3	1.7	1.1	.1	.0						5.2	7.9
VARBL													
CALM												33.3	
	41.5	21.3	19.8	11.2	2.1	.8	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7192

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.3	.4	.0							4.7	6.2
NNE	.7	.8	.7	.0								2.2	5.4
NE	.7	1.5	1.0	.3	.0							3.4	6.1
ENE	.7	1.5	.9	.3	.0	.0						3.4	6.2
E	1.5	2.2	1.0	.4	.1							5.2	5.6
ESE	.6	1.2	.3	.1								2.2	5.0
SE	.4	1.0	.2	.0								1.6	4.9
SSE	.6	.8	.4	.1								1.9	5.1
S	1.0	1.3	.6	.2								3.2	5.3
SSW	.4	1.0	.7	.2	.0	.0						2.3	6.5
SW	.6	1.3	1.1	.4	.0							3.4	6.6
WSW	.6	.9	1.1	.5	.0							3.2	7.3
W	.9	1.7	2.8	2.6	.8	.1	.0	.0				8.9	9.8
WNW	.6	1.9	3.6	3.4	1.2	.2	.0					10.8	10.7
NW	.7	2.1	3.6	3.3	.8	.2	.0					10.6	10.2
NNW	.6	1.5	2.1	1.8	.3	.0						6.4	9.0
VARBL													
CALM												26.7	
	11.5	22.8	21.3	13.8	3.3	.6	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

6546

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	1.8	.4	.0							5.2	6.5
NNE	.6	.9	.5	.1								2.1	5.6
NE	.6	1.5	.9	.2	.1							3.3	6.3
ENE	.6	1.6	1.3	.2	.0	.0						3.8	6.4
E	1.3	2.4	2.1	.4	.0							6.3	6.2
ESE	.7	1.2	.8	.2								2.9	5.8
SE	.5	.7	.8	.2								2.2	6.4
SSE	.4	.7	.7	.3								2.1	6.9
S	.9	1.1	.9	.4								3.3	6.3
SSW	.4	.7	1.0	.6	.1	.0						2.8	8.1
SW	.4	.8	1.3	.7	.0	.0						3.3	8.0
WSW	.4	.9	.8	.4	.0							2.6	7.1
W	.7	2.0	3.1	1.9	.3	.1	.0					8.1	9.0
WNW	.7	1.6	3.2	2.8	.5	.2	.0					9.0	10.1
NW	1.1	2.6	4.0	3.1	.7	.4	.0					11.9	9.7
NNW	.9	1.8	2.5	1.4	.4	.1						7.2	8.7
VARBL													
CALM												23.8	
	11.4	22.4	25.8	13.5	2.2	.9	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

7189

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	1.1	.6	.0							3.5	7.0
NNE	.4	.8	.5	.1								1.8	5.6
NE	.6	1.3	.7	.1								2.7	5.4
ENE	.6	1.9	1.5	.3								4.2	6.4
E	.8	2.3	1.7	.4	.0							5.2	6.4
ESE	.7	1.3	.9	.1								3.0	5.6
SE	.7	1.4	1.2	.2								3.5	6.1
SSE	.9	1.3	1.3	.4	.0							3.9	6.4
S	1.1	2.1	1.7	.5	.0							5.4	6.3
SSW	.4	1.1	1.5	.6	.0							3.5	7.6
SW	.6	1.4	1.6	.7	.1							4.3	7.8
WSW	.3	1.1	1.1	.7	.1	.0						3.3	8.3
W	1.0	1.8	3.0	1.9	.7	.3	.0					8.7	9.6
WNW	.5	1.3	2.5	2.6	.7	.2						7.8	10.5
NW	.6	2.2	3.2	2.5	.6	.2						9.2	9.7
NNW	.4	1.2	1.9	1.0	.3	.1						4.9	9.1
VARBL													
CALM												25.3	
	10.2	23.3	25.4	12.6	2.5	.8	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

6885

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	1.2	.3	.0							4.0	5.9
NNE	.5	1.4	.6	.1								2.7	5.6
NE	.5	1.5	1.1	.2								3.3	6.2
ENE	.6	1.6	1.3	.4	.0							3.9	6.7
E	1.3	2.3	1.6	.4								5.8	5.8
ESE	.5	1.3	1.0	.1								2.9	6.0
SE	1.0	1.3	1.3	.3	.0							4.0	6.1
SSE	.8	1.5	1.3	.2								3.8	6.1
S	1.4	1.7	1.5	.2	.1							5.0	5.8
SSW	.8	1.7	1.3	.5	.0							4.2	6.6
SW	.7	1.9	1.4	.5	.0							4.7	6.8
WSW	.5	1.6	1.2	.2	.0							3.4	6.2
W	1.2	2.0	2.9	1.4	.3	.0						7.5	8.1
WNW	.6	1.5	1.9	1.4	.2	.0						5.6	8.6
NW	.9	2.0	1.9	1.2	.2	.0						6.1	7.8
NNW	.6	1.5	1.7	.6	.1							4.4	7.5
VARBL													
CALM												28.5	
	12.7	26.6	23.1	7.9	1.0	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

6946

DATA PROCESSING DIVISION
PTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	.9	.1	.0							3.6	5.2
NNE	.4	1.1	.7									2.3	5.5
NE	.4	1.2	.9	.1								2.6	6.2
ENE	.4	.9	.6	.0								1.9	5.7
E	.8	1.9	.9	.2	.0							3.8	5.6
ESE	.8	1.1	.5	.0								2.4	4.8
SE	1.3	1.5	.9	.1								3.7	4.9
SSE	1.2	1.7	.8	.1	.0							3.9	5.2
S	2.8	3.4	1.6	.1								7.9	4.7
SSW	1.6	2.2	1.4	.2								5.3	5.3
SW	1.4	1.9	1.3	.3								4.8	5.6
WSW	.7	1.6	1.2	.2								3.6	5.9
W	1.4	1.9	1.7	.5	.0							5.5	6.2
WNW	.8	1.5	1.7	.4	.1							4.5	6.9
NW	.7	1.7	1.7	.7	.0							4.8	7.0
NNW	.6	.9	.8	.3	.0							2.6	6.3
VARBL													
CALM												36.6	
	16.3	26.1	17.6	3.2	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

6931

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPLED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	.8	.1								3.6	5.1
NNE	.5	.8	.4	.0								1.7	5.0
NE	.7	1.2	.4	.0								2.4	4.9
ENE	.3	1.1	.5									1.9	5.3
E	.8	1.5	.9	.0								3.2	5.2
ESE	.6	1.1	.6	.1								2.4	5.3
SE	1.0	1.5	.9	.2								3.7	5.5
SSE	1.5	1.6	1.0	.1								4.2	5.1
S	2.6	3.4	1.5	.1								7.6	4.8
SSW	1.3	1.9	.7	.1								4.0	4.9
SW	1.1	1.7	.8	.1								3.6	5.1
WSW	.9	1.8	.7	.1	.0							3.5	5.1
W	1.3	2.5	1.6	.3	.0							5.8	5.8
WNW	.9	1.6	1.4	.3								4.2	6.2
NW	1.1	2.1	1.4	.2	.0							4.7	5.7
NNW	.8	1.5	1.1	.1								3.4	5.6
VARBL													
CALM												39.9	
	16.5	27.0	14.8	1.8	.0							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

7179

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	16-56	%	MEAN WIND SPEED
N	1.1	1.7	1.0	.1								3.8	5.2
NNE	.6	.8	.5	.1								1.9	5.2
NE	.5	1.1	.5	.1								2.2	5.5
ENE	.4	1.2	.5	.1								2.0	5.5
E	.7	1.7	.7	.1								3.1	5.3
ESE	.5	.9	.4	.0								1.9	5.2
SE	1.2	1.8	.9	.0								3.9	4.9
SSE	1.1	1.5	.9	.1								3.6	5.1
S	2.3	2.9	1.5	.1								6.7	4.9
SSW	.9	1.4	.9	.1								3.3	5.5
SW	1.0	1.4	1.0	.1								3.6	5.5
WSW	1.2	1.5	.8	.0								3.4	4.8
W	1.2	2.5	1.5	.4	.0		.0					5.7	6.0
WNW	.8	1.5	1.6	.3	.0							4.3	6.4
NW	1.1	2.1	1.5	.3								4.9	5.8
NNW	.8	1.3	.7	.1								2.9	5.4
VARBL													
CALM												42.7	
	13.2	25.2	14.8	2.0	.0		.0					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

7189

DATA PROCESSING DIVISION
ETAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	1.1	.2	.0						14.1	5.3	5.1
NNE	.8	1.4	.6	.1							13.0	2.9	5.2
NE	1.1	2.3	1.3	.1								4.8	5.4
ENE	.5	1.4	1.2	.2								3.4	6.2
E	1.3	3.0	1.3	.1								5.7	5.3
ESE	.7	.9	.4	.1								2.0	4.9
SE	1.0	1.5	.4	.1								2.9	4.5
SSE	.8	.7	.4	.0								1.9	4.5
S	1.5	2.1	.8	.0								4.4	4.8
SSW	1.1	.8	.8	.2	.0							2.8	5.3
SW	.7	1.0	.7	.1	.0							2.5	5.5
WSW	.5	.8	.2	.0								1.3	4.7
W	1.3	1.9	1.2	.3								4.7	5.6
WNW	.9	1.5	.9	.3	.0						13.1	3.5	5.9
NW	1.5	1.7	1.5	.3								4.9	5.6
NNW	1.1	1.6	1.0	.2								3.9	5.4
VARBL													
CALM												42.7	
	16.4	24.9	13.7	2.2	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 6472

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	.9	.1	.0							3.9	5.4
NNE	.5	1.0	.2									1.7	4.5
NE	.6	1.3	.6	.0								2.6	5.1
ENE	.6	1.0	.5									2.1	5.0
E	1.1	1.8	.8	.1								3.8	5.0
ESE	.6	1.2	.4	.0								2.3	4.9
SE	.6	1.0	.4	.1								2.0	5.0
SSE	.6	.8	.5	.1								2.0	5.1
S	1.2	1.3	.9	.1								3.4	5.1
SSW	.7	1.3	.7	.2								3.0	5.7
SW	.9	1.4	.9	.2	.0							3.4	5.6
WSW	.6	1.0	.7	.2	.0							2.5	6.2
W	1.5	2.0	1.8	.7	.1	.0						6.1	6.7
WNW	1.1	1.8	1.7	1.4	.1	.0						6.1	7.6
NW	1.3	2.0	2.2	1.1	.2	.0						6.8	7.5
NNW	.8	1.1	1.1	.5	.0	.0	.0					3.6	7.0
VARBL													
CALM												44.8	
	13.5	22.1	14.4	4.7	.5	.1	.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

6468

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0	.9	.1	.0							2.9	5.6
NNE	.4	.8	.5	.1	.0							1.9	6.0
NE	.6	1.1	.8	.1	.1							2.7	5.9
ENE	.5	.8	.3	.0								1.6	5.0
E	1.1	1.7	.7	.1	.0							3.6	5.2
ESE	.7	.8	.3	.0								1.9	4.7
SE	.5	1.0	.4	.1								1.9	5.2
SSE	.4	1.0	.6	.1	.0							2.2	5.9
S	1.3	1.7	1.2	.2	.0							4.4	5.4
SSW	.9	1.4	1.1	.3	.0							3.7	6.2
SW	.9	1.5	.7	.2	.0							3.3	5.8
WSW	.6	1.1	.8	.2								2.8	6.0
W	1.0	2.3	2.7	1.8	.4	.1	.0					8.2	8.5
WNW	1.0	1.6	2.9	2.4	.5	.1						8.4	9.4
NW	.9	2.0	3.7	2.3	.4	.0						9.3	9.0
NNW	.7	1.0	1.7	1.2	.1							4.7	8.4
VARBL													
CALM												36.7	
	12.1	20.8	19.3	9.3	1.6	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

6621

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

NOVARS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	1.0	.4	.0							3.6	6.3
NNE	.6	.5	.5	.1								1.7	5.3
NE	.7	1.2	.5	.0								2.4	4.9
ENE	.6	1.1	.4	.1								2.3	5.2
E	1.0	1.4	.4	.1								2.9	4.6
ESE	.4	.6	.1	.0								1.2	4.4
SE	.5	.3	.2	.1								1.1	4.8
SSE	.5	1.0	.2									1.7	4.5
S	1.4	1.4	.5	.1								3.3	4.6
SSW	.9	.9	.7	.3								2.8	5.9
SW	.7	1.4	.9	.3	.0							3.4	6.0
WSW	.8	1.0	.9	.2	.1	.0						3.0	6.3
W	1.6	2.3	3.0	1.8	.3	.1	.0					9.0	8.1
WNW	.8	2.1	3.0	3.1	.5	.1						9.5	9.4
NW	1.2	2.1	3.8	2.3	.4	.1						9.9	8.8
NNW	.5	1.1	1.6	.9	.1							4.5	7.9
VARBL													
CALM												37.7	
	13.4	19.7	17.7	9.8	1.4	.2	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

7173

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S Y.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	.2	.9								2.9	7.1
NNE	.3	.6	.8									1.7	5.7
NE	.2	1.8	.8	.2								2.9	6.1
ENE	.6	1.4	1.1	.3	.2							3.5	7.0
E	.6	.3	.6	.2								1.7	5.7
ESE													
SE		.2										.2	5.0
SSE	.3	.9										1.2	4.6
S	.9	.3	.8									2.0	5.2
SSW	.6	.5	.3	.5								1.8	6.8
SW	.9	1.1	1.1	.2								3.2	5.6
WSW	.2	.2	.3	.2								.8	8.2
W	1.1	2.0	2.2	.9	.9	.9						7.1	8.8
WNW	1.4	2.9	2.0	2.0	1.2	.2						9.7	8.9
NW	.8	2.2	3.4	2.3	.2							8.8	8.9
NNW	.5	1.7	1.4	1.1								4.6	7.7
VARBL													
CALM												47.9	
	9.1	17.1	14.7	8.6	2.0	.6						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733

FORT HEAD MARYLAND/TIPTON AAF

60-66

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	.2	.9								2.9	7.5
NNE	.5	1.1	.5	.2								2.2	5.7
NE	.3	1.8	.9	.2								3.2	6.1
ENE	.0	1.4	1.7	.3								4.0	7.0
E	.2	1.4	.6									2.2	6.0
ESE	.5	.5										.9	3.7
SE	.2	.9										1.1	4.6
SSE	.2	.3										.5	4.3
S	.6	.8	.6									2.0	5.3
SSW	.3	.5	.3	.3								1.4	6.7
SW	.8	.6	.9	.3								2.6	6.8
WSW	.5	.8	.5									1.7	5.3
W	.5	.8	1.8	1.2	.3	.3						4.9	10.4
WNW	.8	1.5	3.4	2.3	.2	.2						8.3	9.4
NW	1.5	3.4	2.9	1.7	.5	.2						10.1	8.0
NNW	.6	.8	1.4	.8								3.5	7.6
VARBL													
CALM												48.5	
	8.1	18.0	15.7	8.1	.9	.6						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.9	.2								2.7	5.9
NNE	.3	.8	.9	.1								2.1	6.3
NE	.6	1.6	1.7	.4								4.3	6.6
ENE	.7	1.3	1.0	.5								3.7	6.8
E	1.2	1.3	.2									2.7	4.1
ESE	.6	.6	.1									1.3	3.8
SE	.1	.1	.1									.3	5.3
SSE	.1	.3	.2	.1								.7	7.4
S	1.1	.7	.2	.1								2.1	4.3
SSW	.9	1.3	.5									2.7	4.6
SW	.4	.9	.7	.5								2.5	7.0
WSW	1.1	.2	.5									1.8	3.9
W	1.1	2.1	2.0	1.3	.5	.3						7.3	8.7
WNW	.9	1.6	3.4	1.5	.4	.1						7.9	8.9
NW	1.0	2.7	2.3	1.5	.1							7.6	7.7
NNW	.6	.9	1.1	1.0	.1							3.7	8.2
VARBL													
CALM												46.8	
	11.2	17.6	15.7	7.2	1.1	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

1004

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	1.9	.6								5.6	6.6
NNE	.5	.4	.2	.4								1.5	6.6
NE	.7	2.2	2.1	.1								5.0	6.4
ENE	.5	.8	1.5	.5								3.2	7.5
E	.7	1.6	.6									2.8	5.0
ESE	.5	.5	.6									1.6	5.7
SE	.3	.2	.1									.6	4.8
SSE	.6	1.1	.2									1.9	4.3
S	1.5	2.2	.7	.1								4.5	4.9
SSW	.7	1.5	.9	.5	.1							3.6	6.8
SW	1.7	1.4	2.5	.3								5.9	6.3
WSW	.5	.2	1.0	.5								2.2	7.5
W	1.1	1.4	3.1	3.2	.5	.8						10.2	10.7
WNW	.2	1.7	3.5	3.2	.9	.1						9.6	10.7
NW	.3	2.4	4.0	3.1	.3	.5						10.7	10.1
NNW	1.1	2.1	2.7	1.2	.3							7.3	7.8
VARBL													
CALM												24.0	
	11.6	21.6	25.5	13.7	2.2	1.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.6	.5								4.3	6.8
NNE	.7	.8	.9	.1								2.4	5.6
NE	.9	1.2	1.3	.6								3.9	6.7
ENE	.4	.7	.8	.7								2.5	7.6
E	.3	1.3	1.3	.2								3.0	6.5
ESE	.6	.3	.1	.2								1.2	5.2
SE	.1	1.2	.2									1.3	5.1
SSE	.5	1.6	.4									2.4	4.8
S	1.1	2.3	2.1	.5								6.2	6.1
SSW	.8	2.6	2.2	.4	.1							6.2	6.7
SW	.2	2.4	2.8	.5								6.0	7.3
WSW	.3	1.1	1.9	.7								4.1	7.4
W	.5	1.9	2.9	4.0	1.5	.6	.2					11.5	12.1
WNW	.4	2.3	3.3	4.9	1.4	.5						12.8	11.5
NW	.7	3.0	4.0	4.0	.7	.2						12.6	9.8
NNW	.8	1.6	3.3	2.1	.3	.1						8.1	9.1
VARBL													
CALM												11.2	
	9.4	25.6	29.0	19.3	3.9	1.4	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.4	1.1		.1							4.4	5.8
NNE	.4	.8	.6									1.8	5.8
NE	.6	1.7	.7	.2								3.1	6.0
ENE	.5	1.2	1.1	.3								3.0	6.9
E	1.0	1.7	.2	.5								3.3	5.7
ESE	.4	1.7	.3	.2								2.5	5.4
SE	.4	1.4	.8									2.5	5.8
SSE	1.2	1.4	1.0									3.5	5.2
S	1.4	2.6	1.1	.1								5.2	5.0
SSW	.7	2.7	2.0	.1								5.5	5.9
SW	1.4	2.2	1.4	.4								5.3	5.7
WSW	.8	1.2	1.2	.3								3.4	6.2
W	1.7	2.3	4.5	2.8	.4	.8	.1					12.6	9.5
WNW	.8	2.2	4.1	4.4	1.0	.2						12.7	10.3
NW	1.8	3.7	4.2	2.7	.8	.4						13.6	8.8
NNW	.7	1.5	2.1	1.2	.2							5.6	8.3
VARBL													
CALM												11.9	
	14.3	30.6	26.1	13.2	2.4	1.4	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
FOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	1.1	.1	.1							4.3	5.1
NNE	.6	.3	.2	.1								1.2	4.9
NE	.9	.8	1.2	.2								3.1	6.6
ENE	.6	.9	.2	.6								2.2	6.6
E	1.0	.8	.7	.3								2.8	5.8
ESE	.1	1.0	.1									1.2	4.4
SE	1.1	1.0	.4									2.5	4.2
SSE	1.5	1.9	.2									3.6	4.0
S	1.0	1.2										2.2	3.7
SSW	.9	.7	.4									2.0	4.6
SW	.4	1.2	.7									2.3	5.6
WSW	.3	1.1	.4									1.9	5.6
W	1.1	2.2	1.8	1.8	.6	.4						7.8	9.3
WNW	1.5	1.8	2.8	2.1	.4	.1						8.7	8.5
NW	.8	1.9	2.1	2.4	.7							7.8	9.5
NNW	1.7	1.4	.6	.6	.1							4.3	5.9
VARBL													
CALM												42.1	
	15.1	19.4	12.9	8.1	1.9	.6						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

909

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JAN
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.1	.3	.4								3.7	5.6
NNE	.4	1.0		.2								1.7	5.2
NE	.4	.8	1.2									2.4	6.0
ENE	.4	.8	.4	.4	.1							2.2	7.7
E	.9	.7	.2	.1	.1							2.0	4.9
ESE	.4	.3										.8	3.0
SE	.1	.6	.1									.8	4.9
SSE	.7	.7	.1									1.4	3.6
S	.9	.9	.7	.1								2.5	5.3
SSW	.4	.2	.7									1.3	5.7
SW	.7	1.2	.7	.1								2.6	5.7
WSW	.4	.4	.6									1.4	5.5
W	1.2	1.6	2.1	1.5	.2	.1						6.9	8.2
WNW	1.4	3.1	3.3	2.8	.4	.1						11.3	8.5
NW	.9	1.7	2.9	2.0	.7							8.0	9.4
NNW	1.1	.8	.7	.7								3.2	6.4
VARBL													
CALM												47.6	
	11.3	16.9	14.1	8.4	1.5	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	.8	.3								4.7	5.0
NNE	1.0	1.0	.2									2.2	3.8
NE	.2	.5	.7	.5	.2							2.0	9.3
ENE	1.0	1.3	.8	.7								3.9	6.2
E	1.0	1.5	.5	.5								3.5	5.9
ESE	.3	1.3										1.7	4.3
SE	.3	.8										1.2	4.3
SSE	.3	.2										.5	3.7
S	.5	.7										1.2	3.9
SSW	.5	1.0	.3	.3								2.2	6.4
SW	.8	.8	.2	.2								2.0	4.8
WSW	.7	.7	.8	.2								2.4	5.9
W	.7	1.5	1.7	1.5	.2		.2					5.7	9.2
WNW	.7	2.7	3.2	2.0	.3	.2						9.1	8.7
NW	.7	2.4	1.7	2.5								7.2	8.6
NNW	.3	1.3	2.0	.8								4.5	8.1
VARBL													
CALM												46.0	
	10.6	19.9	13.0	9.6	.7	.2	.2					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

594

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	2.0	.3								4.7	6.6
NNE	1.0	.5	.2									1.7	3.4
NE	1.2	1.2	1.3	.5								4.2	5.2
ENE	.5	1.0	.8	.8	.2							3.4	8.0
E	2.2	1.2	.3	.2								3.9	4.3
ESE	.2	.7										.8	3.8
SE	.2	.8	.2									1.2	4.6
SSE	.2	.2	.3									.7	5.3
S	.5	.2										.7	2.8
SSW	.7	.3	.5									1.5	5.2
SW	.2	1.0	.2									1.3	5.1
WSW	1.2	.5	.2	.2								2.0	4.2
W	.5	1.7	2.5	1.3	.3							6.4	9.1
WNW	.5	2.0	3.7	2.0	.3	.2						8.8	9.3
NW	1.9	2.9	2.7	1.9	.2							9.4	7.4
NNW	.5	1.0	2.2	.3	.3							4.4	7.9
VARBL													
CALM												44.9	
	12.3	16.5	17.2	7.6	1.3	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 594

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FURT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	.8	.4	.1							3.9	6.6
NNE	.4	.9	.5	.1								2.0	5.8
NE	.7	2.0	.7	.2								3.3	5.7
ENE	.7	1.5	.5		.1	.1						3.0	6.1
E	1.9	1.4	1.3	.1	.1							4.8	5.4
ESE	.1	.5										.7	4.3
SE	.7	.4										1.1	3.5
SSE	.8	.3	.2									1.3	3.8
S	1.1	.4	.1									1.6	3.9
SSW	.2	.8	.2									1.2	5.3
SW	.9	1.2	.8									2.8	5.0
WSW	.7	1.5	.9	.4								3.5	6.2
W	1.9	2.5	1.7	2.0	.1							8.2	7.2
WNW	.3	1.9	3.1	2.0	.4	.1						7.8	9.6
NW	.2	2.5	4.0	1.9	.2							8.9	8.7
NNW	1.2	2.0	1.6	1.1	.2	.1						6.2	7.7
VARBL												39.6	
CALM													
	12.3	21.7	16.5	8.2	1.3	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

915

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.8	1.2	.4								5.1	6.2
NNE	.1	.9	1.9	.1								3.0	7.2
NE	.9	2.7	1.2									4.7	5.4
ENE	.6	1.9	.8									3.3	5.4
E	1.6	3.2	1.4	.5								6.8	5.7
ESE	.2	.9	.8									1.8	5.8
SE	.3	.6	.2									1.2	4.8
SSE	.5	.5	.4	.2								1.7	6.5
S	.8	1.9	.5									3.2	4.9
SSW	.6	1.0	1.1	.1	.1							2.9	5.9
SW	.8	1.9	1.9	.6								5.3	6.8
WSW	.5	1.0	1.7	.4								3.6	7.3
W	.6	1.2	3.6	3.3	1.3	.1		.1				10.3	11.1
WNW	.6	1.3	3.8	3.9	1.9	.1						11.6	11.6
NW	.1	2.1	3.3	4.4	1.7	.3						12.0	11.6
NNW	.6	1.8	2.8	2.7	.2							8.1	9.1
VARBL													
CALM												15.3	
	9.8	25.7	26.6	16.7	5.3	.5		.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.5	1.1								5.0	7.4
NNE	1.0	.5	1.6									3.1	5.9
NE	.4	1.2	1.2	.1								2.9	6.3
ENE	.9	1.8	1.6	.1								4.4	5.8
E	1.4	2.5	1.8	.3								6.0	5.6
ESE	.6	1.1	.6	.2								2.6	5.8
SE	.4	1.3	.4	.1								2.3	5.5
SSE	.1	1.6	.4	.1								2.3	5.9
S	1.1	1.5	1.7	.5								4.8	6.6
SSW	.5	1.7	1.2	.2		.2						3.9	7.6
SW	.8	1.4	2.0	.5	.1							4.8	7.5
WSW	.3	.9	2.5	1.3	.1							5.0	9.1
W	.5	1.3	3.8	4.8	2.1	.3						12.9	12.0
WNW	.2	1.1	3.0	5.7	2.5	.5	.1					13.1	13.3
NW	.3	1.4	4.1	4.9	1.5	.8	.1					13.1	12.3
NNW	.4	1.0	2.0	2.6	.6							6.6	10.6
VARBL													
CALM												7.3	
	9.8	21.9	29.5	22.6	7.0	1.8	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	1.8	.2								5.7	5.9
NNE	.8	.9	.4									2.0	4.9
NE	.2	2.1	1.2	.1								3.6	5.7
ENE	.4	1.5	1.4									3.3	6.2
E	.6	3.5	.6	.1	.2							5.1	5.6
ESE	.5	2.4	.6	.2								3.8	5.8
SE	.4	1.8	.6									2.9	5.3
SSE	.2	1.5	1.1	.2								3.0	6.5
S	1.0	2.8	1.6	.3								5.7	5.9
SSW	.4	1.9	.9	.2		.1						3.5	6.5
SW	.5	2.5	1.2	.2								4.4	6.1
WSW	.4	1.5	1.0	.6								3.5	7.5
W	.8	1.6	2.9	3.9	.6	.1						10.0	10.4
WNW	.4	1.9	3.8	5.3	2.1	.1						13.6	11.6
NW	.2	1.2	4.0	5.8	1.6	.5						13.3	12.3
NNW	.3	1.7	2.7	2.8	.1	.1						7.7	9.9
VARBL													
CALM												8.8	
	8.3	31.5	25.7	19.9	4.8	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70 FFB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	1.0	.2								3.8	5.9
NNE	.6	1.1	.5									2.2	4.9
NE	1.5	.7	.6	.1								3.0	4.5
ENE	.6	.9	.7	.5								2.7	7.0
E	1.7	2.4	.7	1.0	.1							6.0	6.2
ESE	1.6	1.5	.1	.1								3.3	4.0
SE	.3	1.2		.1								1.8	4.7
SSE	1.9	1.3	.2									3.5	3.6
S	1.8	2.1	.4	.3								4.7	4.9
SSW		.6	.2	.2								1.1	7.1
SW	.5	.9	.7	.2								2.3	6.1
WSW	.5	.7	.6	.2	.1							2.2	7.2
W	1.5	1.8	3.2	1.2	.5							8.2	7.8
WNW	1.1	1.8	4.1	3.3	.7							11.1	9.4
NW	.7	2.7	3.6	2.4	.4							9.9	8.7
NNW	1.0	1.7	1.5	1.5	.2							5.8	8.3
VARBL													
CALM												28.5	
	16.5	23.0	18.2	11.7	2.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 822

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.0	.4								4.4	5.4
NNE	.6	.6										1.2	3.5
NE	.2	.9	1.0	.7	.1							2.9	3.4
ENE	.7	1.3	.6	.4								3.0	6.3
E	1.3	1.5	1.0	.5								4.3	6.0
ESE	1.3	1.2	.1									2.7	3.8
SE	.2	.7		.1								1.1	5.3
SSE	.7	.5										1.2	3.1
S	1.2	.2	.2									1.7	3.7
SSW	.2	.4	.6	.1								1.3	6.5
SW	.2	.2	1.3	.9								2.7	9.1
WSW	.7	.5	.5	.5								2.2	6.7
W	.7	1.8	2.8	1.5	.6	.1						7.5	9.0
WNW	1.0	3.0	3.9	1.7	.4	.1						10.1	8.5
NW	1.7	2.4	2.9	1.7	.2							9.0	7.7
NNW	.6	1.6	2.2	1.3	.4							6.1	8.8
VARBL													
CALM												38.6	
	13.0	18.6	18.1	9.7	1.7	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

822

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.1	.2								4.3	5.3
NNE	.8	.8	1.4	.3								3.2	6.8
NE	.5	.5	.9									1.8	6.0
ENE	.5	1.4	1.4									3.2	6.0
E	.9	1.8	1.4	.5								4.6	6.2
ESE	1.4	.6		.3								2.3	4.6
SE	.2	.3	.5									.9	7.2
SSE	.5											.5	2.0
S	.6	.6	.2	.2								1.5	4.6
SSW	.5	1.5	1.1									3.1	5.7
SW	.6	.5	.3	.6								2.0	7.2
WSW		.6	.5	.2								1.2	7.8
W	.3	1.2	2.0	1.1								4.6	8.4
WNW	1.2	1.2	3.4	1.8								7.7	7.9
NW	1.7	3.4	3.4	2.0	.3	.2						10.9	7.9
NNW	1.4	2.0	.5		.9	.2						4.9	8.0
VARBL													
CALM												43.1	
	12.2	18.2	17.8	7.1	1.2	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 650

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	1.2									4.6	5.1
NNE	.8	.8	.5	.2								2.2	5.1
NE	1.5	2.3	.2	.3								4.3	4.9
ENE	.6	1.5		.6								2.8	6.0
E	2.3	3.1	.9	.6	.2							7.1	5.6
ESE	.6		.2									.8	4.0
SE	.3	.3	.6									1.2	6.1
SSE	.2	.6										.8	4.4
S	.8	1.4	.5	.3								2.9	5.5
SSW	.6		.3									.9	4.3
SW	.2	.9	.8	.5								2.3	8.0
WSW	.8	.9	.5	.3								2.5	5.4
W	.8	2.0	1.2	1.1								5.1	7.1
WNW	1.2	.9	2.2	1.2	.2							5.7	8.2
NW	1.8	2.3	2.8	2.0	.3							9.2	8.1
NNW	.9	1.1	1.4	.6	.2							4.2	7.6
VARBL													
CALM												43.5	
	14.9	20.0	13.1	7.7	.8							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

649

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

0600-0800
HOURS (L & T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.8	.2								4.8	5.8
NNE	.7	1.3	.4									2.6	4.8
NE	.6	2.1	1.0		.3							4.0	6.3
ENE	1.0	2.0	1.6	.3								4.9	6.2
E	1.9	2.8	1.3	.1								6.1	5.1
ESE	.7	.4	.1	.1								1.3	4.3
SE	.3	.7	.3									1.3	5.0
SSE	.4	.3	.2									.9	4.2
S	.7	.7	.6	.4								2.4	6.3
SSW	.8	.4	.6	.2								2.0	5.9
SW	.5	.7	.9	.2								2.3	6.3
WSW	.8	1.1	.4	.1								2.4	5.0
W	.8	2.6	1.2	.7	.1	.1						5.5	6.8
WNW	1.1	1.4	2.7	1.7	.1	.1						7.1	8.3
NW	1.0	2.2	3.0	1.1	.5	.2						8.0	8.5
NNW	1.6	1.7	2.1	.5	.6							6.5	7.4
VARBL													
CALM												38.1	
	14.1	22.1	18.1	5.6	1.6	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1003

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.7	.9								6.8	7.1
NNE	.3	1.4	.6	.5								2.7	6.6
NE	.4	1.6	1.1	.5	.1							3.6	7.3
ENE	1.1	1.9	2.2	.5	.2	.1						5.9	7.2
E	1.0	2.6	2.1	.6								6.3	6.5
ESE	.6	2.0	1.2	.1								3.8	5.9
SE	.3	.5	.1									.9	4.3
SSE	.2	1.1	.4	.3								2.0	6.9
S	1.2	1.7	1.3	.7								4.8	6.4
SSW	.5	.8	2.1	.5	.1	.1						4.0	8.3
SW	.6	1.1	2.1	1.2	.1	.1						5.1	8.4
WSW	.4	1.7	1.4	.6								4.0	7.0
W	.6	2.3	3.6	2.3	.4	.1						9.4	9.0
WNW		1.4	2.9	4.0	.4		.2					8.9	11.0
NW	.7	1.6	3.9	4.9	.8	.9	.3					13.0	11.8
NNW	.7	1.7	3.6	3.0	.4	.3						9.7	9.9
VARBL													
CALM												9.2	
	9.4	25.3	31.1	20.5	2.4	1.6	.5					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	2.3	.9	.1							5.1	8.1
NNE	.6	.9	.7	.1								2.2	5.6
NE	.8	1.6	.9	.5								3.7	6.4
ENE	.5	1.1	1.8	.1								3.4	6.6
E	.6	2.9	3.0	.4								6.9	6.7
ESE	.5	1.3	.7	.3								2.7	6.5
SE	.2	.2	1.0	.3								1.7	8.6
SSE	.4	.6	1.4	.4								2.7	7.3
S	.8	1.0	1.8	1.2								4.7	8.0
SSW	.2	.9	1.6	1.6	.3							4.5	9.8
SW	.3	1.5	2.3	1.1	.1							5.3	8.4
WSW	.1	.7	1.3	1.2								3.2	9.0
W	.6	2.2	4.8	4.0	.7	.2	.1					12.5	10.2
WNW	.5	2.5	4.4	4.4	.9	.4						13.1	10.7
NW	1.1	1.3	5.1	5.7	1.4	.5						15.0	11.1
NNW	.3	1.8	3.2	2.8	.5	.1						8.7	9.9
VARBL													
CALM												4.5	
	8.1	21.2	36.2	24.8	3.9	1.2	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	2.4	.8								5.6	7.4
NNE	.3	.5	.7									1.5	6.0
NE	.4	1.8	1.4	.1								3.6	6.4
ENE	.4	1.8	1.1	.3								3.5	6.5
E	.6	2.6	3.0	.6								6.8	6.9
ESE	.6	1.3	2.1	.4								4.3	6.9
SE	.4	.9	2.1	.9								4.2	8.4
SSE	.2	.2	1.6	1.4								3.3	9.7
S	.7	1.1	1.7	.3								3.7	7.0
SSW	.3	.5	1.3	1.5	.2							3.7	10.2
SW	.2	.6	1.4	1.1								3.2	9.1
WSW	.3	1.0	1.6	.5								3.3	7.9
W	.4	2.0	5.7	3.1	.8	.3						12.2	10.4
WNW	.3	1.6	4.1	4.3	1.2	1.1						12.5	12.0
NW	.6	3.0	5.0	4.4	1.5	.7						15.3	10.8
NNW	.4	2.0	4.2	2.1	.3							8.9	9.2
VARBL													
CALM												4.2	
	7.1	22.0	39.1	21.6	3.9	2.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.8	.8	.2								4.8	5.4
NNE	.9	1.1										2.0	3.6
NE	.2	1.4	1.0	.2								2.9	6.9
ENE	.7	1.3	1.0	.1								3.1	5.8
E	2.0	1.9	2.8	.4								7.0	6.2
ESE	.9	3.1	.7	.2								4.8	5.1
SE	1.2	1.9	.9	.1								4.1	5.1
SSE	.4	1.8	1.1	.3								3.6	6.5
S	1.2	1.7	.4	.1								3.4	4.7
SSW	.6	1.1	.6	.3	.1							2.6	6.9
SW	.7	.7	1.2	.3								2.9	6.5
WSW	.3	.7	.2	.4	.1							1.8	7.5
W	1.1	2.0	2.6	.8	.2	.1						6.8	7.6
WNW	.4	1.9	3.4	1.7	.7	.1						8.6	9.2
NW	1.0	4.6	4.5	2.2	.3	.1						12.8	8.1
NNW	1.4	2.3	2.1	1.1								6.9	6.8
VARBL													
CALM												21.9	
	14.5	30.0	23.2	8.6	1.4	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

909

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.7	.1								5.1	5.7
NNE	.3	.6	.1									1.0	5.0
NE	.8	.9	.6									2.2	5.1
ENE	.1	1.4	1.0									2.5	6.0
E	1.9	1.5	1.7	.4								5.5	5.8
ESE	.6	.7	.6	.2								2.2	6.2
SE	1.1	.8	.6									2.4	4.4
SSE	.9	1.0	.4	.1								2.4	4.9
S	1.1	.6	.6	.1								2.3	5.0
SSW	.2	.2	.3	.1								.9	6.3
SW	.2	.6	1.2	.6								2.5	8.3
WSW	.6	.6	.7	.1								1.9	5.9
W	1.1	1.3	2.4	1.0								5.8	7.7
WNW	.6	1.2	1.9	2.1	.6							6.3	10.0
NW	1.3	2.8	3.7	1.1	.1	.1						9.1	7.5
NNW	.9	2.0	1.5	.3	.3	.3						5.4	8.1
VARBL													
CALM												42.5	
	12.9	17.9	19.0	6.3	1.0	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

909

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66,68
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	.2									2.9	3.5
NNE	.8	.7	.2									1.7	3.7
NE	.2	1.2										1.3	4.4
ENE	.3	.7	.3	.5								1.9	7.3
E	1.0	2.2	.8	1.2								5.2	6.8
ESE	.7	1.0	.2									1.9	4.4
SE	.8	1.2										2.0	3.6
SSE	.5	.5										1.0	3.8
S	.8	1.0	.8									2.7	5.3
SSW	.3	.7	.2	.7								1.9	8.2
SW	.3	.8	.8	.5								2.5	7.9
WSW	.8	1.3	.2									2.4	4.0
W	1.3	1.7	1.9	.8	.2							5.9	7.3
WNW	.3	2.2	.7	1.3	.3							4.9	8.6
NW	.8	3.4	2.5	.8								7.6	7.0
NNW	.3	1.0	.2									1.5	4.6
VARBL													
CALM												52.8	
	11.1	20.7	8.9	5.9	.5							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 593

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.2									1.5	3.9
NNE	.2	.5	.5	.3								1.5	7.6
NE	1.0	.5	.8	.2								2.5	5.5
ENE	.2	1.3	.7	.2								2.3	6.4
E	.8	1.6	.8	.2								3.4	5.5
ESE	.5	.5	.3									1.3	4.6
SE	.7		.2									.8	4.2
SSE	.7	.5	.3									1.5	4.3
S	.8	.7	.7									2.1	5.2
SSW		.7	.2	.3	.2							1.3	10.1
SW	.3	1.8	.7	.3								3.3	6.2
WSW	.2	1.1	.2									1.5	5.4
W	1.1	1.1	2.3	.5								5.1	6.9
WNW	1.3	1.0	1.8	1.5	.5							6.1	8.5
NW	1.1	2.3	2.6	.5								6.6	6.8
NNW	.3	.7	.3									1.3	4.9
VARBL													
CALM												58.0	
	10.2	14.8	12.5	3.9	.7							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

609

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	.7	.5								3.0	6.7
NNE	.4	1.3	.4									2.2	5.0
NE	.3	1.8	1.4									3.6	6.1
ENE	.9	3.0	2.4	.3								7.2	5.9
E	.6	2.5	1.5	.1								4.7	5.8
ESE	.4	1.0	.2									1.6	4.4
SE	.7	.3	.2									1.2	4.3
SSE	.8	.6	.2	.1								1.7	4.8
S	1.8	1.1	.6	.1								3.7	4.3
SSW	.3	1.6	1.0	.3								3.3	6.4
SW	.6	1.8	1.0	.8	.1							4.4	7.3
WSW	.6	1.2	.6	.1								2.6	5.7
W	1.1	1.6	1.9	1.4	.1							6.2	7.9
WNW	.8	1.0	1.3	2.0	.1							5.3	9.0
NW	.7	1.7	2.4	1.7	.2							6.8	8.6
NNW	.4	1.4	1.4	.8	.1							4.2	8.0
VARBL													
CALM												38.3	
	11.1	24.2	17.4	8.4	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 976

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

92733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.3	1.1								6.0	7.6
NNE	.6	.6	.6	.4								2.2	6.6
NE	.6	2.5	.9									4.0	5.2
ENE	.7	3.1	2.7	.2								6.8	6.4
E	.9	2.4	2.8	.1								6.3	6.1
ESE	.8	1.3	1.1	.3								3.7	6.2
SE	.1	1.3	.9									2.3	6.0
SSE	.7	.8	.7	.1								2.3	5.7
S	1.1	2.6	2.9	.2								6.9	6.3
SSW	.6	2.3	2.5	.4								5.9	6.7
SW	1.0	1.5	2.3	.6	.3							5.8	7.6
WSW	.2	.9	2.3	1.1	.4	.1						5.1	9.9
W	.5	1.8	3.1	3.1	.9	.2						9.7	10.5
WNW		1.2	3.0	2.5	.9	.1						7.8	11.1
NW	.3	1.5	3.7	3.8	.6	.6						10.6	11.1
NNW	.3	1.0	2.6	2.1	.5	.1						6.7	10.3
VARBL													
CALM												8.1	
	9.2	27.1	34.7	16.2	3.6	1.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	1.1	1.6								4.3	8.2
NNE	.6	.8	.8									2.2	5.6
NE	.6	1.6	.7									2.9	5.3
ENE	.6	1.4	1.3	.4								3.7	6.5
E	.7	1.9	2.1	.6								5.4	6.8
ESE	.3	.9	1.2	.3								2.7	7.1
SE	.3	1.6	1.9	.3								4.1	7.0
SSE	.3	1.2	1.3	.2								3.0	6.7
S	1.2	2.7	3.3	1.1	.1							8.5	7.3
SSW	.6	1.2	2.6	1.1	.1							5.7	8.2
SW	.1	1.5	3.0	1.2	.1							6.0	8.8
WSW	.2	.9	1.3	2.2	.3							5.2	10.4
W	.6	2.6	4.6	3.3	1.0	.7						12.9	10.5
WNW	.3	1.1	4.0	3.6	1.8	.2						11.1	11.9
NW	.4	1.9	3.9	3.5	.9	.2						10.9	10.4
NNW	.3	1.3	3.4	1.6	.3	.5						7.5	10.3
VARBL													
CALM												3.8	
	7.9	23.7	37.1	21.2	4.6	1.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

990

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.9	.7	.1							4.1	7.9
NNE	.2	1.0	.5									1.7	5.4
NE	.7	1.2	.8	.1								2.8	5.1
ENE	.4	1.5	1.5	.1								3.6	6.6
E	.7	2.1	2.3	.7								3.9	7.1
ESE	.6	1.6	1.6									3.9	5.9
SE	.2	1.9	2.6	.8								5.6	7.8
SSE	.5	2.3	3.4	1.3	.2							7.7	8.2
S	.2	1.6	1.7	1.5	.1							5.2	8.6
SSW	.5	.6	2.1	1.2								4.5	8.6
SW	.5	1.5	2.9	1.2	.4							6.6	9.0
WSW	.4	1.1	1.8	.6	.1	.1						4.2	8.5
W	.8	1.6	4.7	3.7	1.1	.5	.1					12.5	11.0
WNW	.2	1.2	2.7	4.5	.9	.7						10.3	12.4
NW	.1	1.9	3.0	4.0	1.1	.6						10.8	11.8
NNW	.3	1.1	2.5	1.7	.7							6.4	10.3
VARBL												4.5	
CALM													
	6.8	23.5	36.3	22.1	4.8	1.9	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

985

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	.9	.5								3.2	6.4
NNE	.1	.6	.5									1.1	5.8
NE	.8	.7	.2	.2								1.9	4.7
ENE	.3	1.5	1.4	.3								3.5	6.7
E	.8	3.3	.9	.3								5.3	5.7
ESE	1.6	2.0	1.5	.2								3.3	5.4
SE	1.8	2.8	2.3	.2								7.2	5.6
SSE	1.9	2.5	2.4	.9								7.7	6.3
S	1.1	3.1	1.4	.3								5.9	5.7
SSW	.3	.5	1.0	.2								2.0	7.3
SW	.7	.6	.6	.2								2.0	5.7
WSW	.2	1.0	.9	.6								2.7	7.1
W	1.0	2.3	2.4	1.1	.9	.1	.1					8.0	9.1
WNW	.5	1.7	3.0	2.4	.5	.1						8.1	9.8
NW	.7	2.5	3.7	2.7	1.0							10.7	9.6
NNW	.5	1.5	2.2	.6	.2							4.9	8.2
VARBL													
CALM												20.3	
	13.2	27.5	25.1	10.9	2.6	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

880

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.7	.1								2.0	6.1
NNE	.3	.6	.5									1.4	5.4
NE	.3	.5	.7									1.5	5.7
ENE	.8	.9	.6	.1								2.4	6.0
E	.7	2.0	1.6	.3	.2							4.9	7.0
ESE	.8	1.3	.3									2.4	4.7
SE	1.3	1.4	.5									3.1	4.4
SSE	1.7	1.5	1.3	.2								4.8	5.2
S	1.3	3.4	1.3									5.9	5.3
SSW	.2	.6	.9									1.7	6.7
SW	.6	1.0	.6	.3								2.6	6.2
WSW		.9	.2									1.2	5.6
W	1.4	1.4	2.1	.2	.6	.3						6.0	8.4
WNW	1.2	1.0	2.6	1.9								6.6	7.9
NW	.7	2.7	3.1	1.4	.2	.1						8.2	6.1
NNW	1.0	1.0	1.4	.1	.1							3.7	6.5
VARBL													
CALM												41.5	
	13.0	20.9	18.3	4.8	1.2	.5						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

862

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-65
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.3	.4	.2								2.7	4.7
NNE	.5	.4										.9	3.2
NE	.5	1.6	1.1									3.2	5.7
ENE	.5	1.6	1.1									3.4	5.6
E	1.8	1.4	.7	.2								4.1	4.7
ESE	.4	.5	.4									1.3	4.6
SE	2.0	.9	.9	.2								3.9	5.1
SSE	.7	.2	1.1									2.0	6.3
S	.9	1.3	.9									3.0	5.4
SSW	.9	.5	.4									1.8	3.9
SW	.4	1.3										1.6	4.2
WSW	.4	1.6	.2									2.2	5.0
W	.5	2.0	.5	.5	.2							3.8	6.7
WNW	.2	1.8			.2							2.2	5.7
NW	1.8	1.1	.2		.2							3.2	4.5
NNW	.9	1.4	.5	.2								3.0	4.9
VARBL													
CALM												57.7	
	13.3	19.0	8.2	1.3	.5							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 558

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733

FORT HEADE MARYLAND/TIPTON AAF

60-70

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.7									2.5	4.8
NNE	.6	1.0	.1									1.7	4.4
NE	.9	1.4	.9									3.2	5.1
ENE	.6	1.2	1.3	.1								3.2	6.5
E	1.9	.7	.1	.3								3.0	4.3
ESE	.1	.1										.3	4.5
SE	.4	.3	.7									1.4	6.6
SSE	.4	1.2	.4									2.0	5.2
S	1.4	1.0	.3	.3								3.0	4.7
SSW	.7	.7	.3	.1								1.9	4.9
SW	.4	.7	.1									1.3	4.1
WSW	.6	1.2	.3									2.0	4.6
W	1.4	.9	.7	.1								3.2	5.0
WNW	.3	.7	.4	.3	.1							1.9	7.4
NW	1.2	1.9	.6									3.6	4.9
NNW	.7	.6	.6									1.9	5.2
VARBL													
CALM												63.9	
	12.6	14.5	7.7	1.3	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 692

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.5	.9	.3								4.3	5.3
NNE	.9	2.5	.6	.3								4.3	5.2
NE	.7	2.4	1.6	.3								5.0	6.1
ENE	1.1	2.0	1.6	.3								4.9	6.2
E	1.4	2.2	.9	.6								5.0	5.5
ESE	.4	.5	.4									1.3	5.1
SE	.4	.4	.2									1.0	4.8
SSE	.7	.6	.2									1.5	3.9
S	1.7	1.4	.9									3.9	4.5
SSW	.7	1.1	1.1	.2								3.0	6.1
SW	1.6	2.1	1.2	.3								5.1	5.3
WSW	.7	2.0	.8									3.4	5.1
W	1.6	2.1	1.8	.7								6.1	6.3
WNW	.8	1.4	.9	.8								3.8	7.1
NW	1.1	1.7	1.3	.5								4.5	6.3
NNW	1.2	1.4	1.3	.4	.1							4.3	6.3
VARBL													
CALM												38.7	
	15.2	26.0	15.3	4.6	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.5	2.2	1.0								6.3	6.8
NNE	.7	2.2	.7	.5								4.0	5.9
NE	.7	1.7	1.9	.2								4.4	6.3
ENE	.7	2.4	1.9	.4								5.4	6.3
E	1.3	3.6	2.4	.5								7.8	6.1
ESE	.7	1.9	1.3	.2								4.0	6.2
SE	.6	.4	.9	.3								2.2	6.9
SSE	.9	1.2	.7									2.7	4.9
S	2.0	2.0	1.4	.1								5.4	4.9
SSW	.8	2.3	1.5	.6	.1							5.3	6.8
SW	.7	2.9	3.3	1.2								8.1	7.5
WSW	.6	1.7	2.6	.1								5.0	4.5
W	1.2	2.4	4.3	1.8	.8							10.5	8.6
WNW	.3	1.4	2.9	3.0	.3	.1						8.0	10.0
NW	.4	1.8	3.0	2.4	.3							7.9	9.4
NNW	.8	1.7	2.2	.6	.2							5.4	7.5
VARBL													
CALM												7.4	
	13.0	32.0	33.0	12.8	1.7	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	2.1	.2	.1							4.4	6.7
NNE	.1	1.4	1.4	.2								3.0	6.7
NE	.4	1.4	.9	.4								3.0	6.5
ENE	.8	1.7	1.7	.6								4.7	7.2
E	1.1	2.6	2.1	.5								6.3	6.3
ESE	.5	1.3	1.4	.2								3.4	6.2
SE	.2	1.3	2.0	.8								4.2	8.1
SSE	.5	1.2	1.6	.4								3.6	7.1
S	.9	2.0	2.7	.9	.2							6.6	7.7
SSW	.7	2.3	2.2	1.1	.2							6.6	7.3
SW	.6	3.1	1.9	1.2	.2							6.9	7.8
WSW	.4	1.2	2.1	.8								4.1	8.0
W	.8	2.5	3.8	3.2	.9	.1						13.1	9.8
WNW	.8	2.2	3.5	3.2	.5							10.2	9.6
NW	.6	2.5	2.8	3.1	.5	.1						9.7	9.5
NNW	.5	1.9	2.2	1.3	.3							6.1	8.5
VARBL													
CALM												4.0	
	9.1	30.1	36.0	17.8	2.8	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	1.1	.1								4.0	5.9
NNE	.3	1.3	1.2									2.9	6.4
NE	.1	1.2	.8	.2								2.4	7.3
ENE	.3	1.0	.6	.6	.1							2.7	8.2
E	.5	3.2	2.7	.4								6.8	6.8
ESE	.7	1.9	1.7	.2								4.6	6.3
SE	.6	2.0	3.1	.6	.1							6.7	7.2
SSE	.5	2.2	3.0	1.0								6.7	7.9
S	1.3	2.6	3.5	.2	.1							7.8	6.7
SSW	.9	1.9	2.2	1.0								5.4	7.8
SW	.4	2.3	2.7	1.0	.1							6.5	7.7
WSW	.8	2.9	1.6	.3	.1							5.7	6.3
W	.5	2.8	5.1	3.1	.5	.1						12.1	9.5
WNW	.4	1.7	2.8	1.2	.3	.1						6.6	8.9
NW	.8	1.8	3.4	1.5	.2							7.8	8.3
NNW	.1	2.4	3.4	1.3	.2							7.4	8.5
VARBL													
CALM												4.2	
	8.7	33.3	38.9	12.9	1.7	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

976

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	.7	.1								3.8	5.3
NNE	.5	.7	.5									1.6	5.1
NE	.3	1.3	.9									2.5	6.3
ENE	.1	1.1	1.0	.5								2.7	7.8
E	1.7	2.4	2.0	.1								6.3	5.5
ESE	.6	2.6	1.4	.2								4.8	6.1
SE	2.6	3.9	1.6	.1								8.2	4.9
SSE	1.5	3.3	2.0	.1								6.9	5.6
S	1.7	2.0	1.3		.1							5.1	5.3
SSW	1.4	1.9	1.4	.3								5.0	5.8
SW	1.4	1.4	.3	.1								3.2	4.8
WSW	.5	1.6	.2	.1								2.4	4.9
W	2.5	1.0	1.7	.6	.1							5.9	6.2
WNW	1.1	1.5	3.1	.8	.1							6.6	7.4
NW	.7	2.6	1.6	.2		.1						5.2	6.3
NNW	.3	.7	1.4	.3								2.7	7.7
VARBL													
CALM												27.1	
	17.9	29.9	21.0	3.6	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 879

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	.6									2.5	5.0
NNE	.6	1.0										1.7	3.8
NE	.3	1.2	.5	.1								2.1	5.8
ENE	.8	1.3	.8	.3								3.1	5.8
E	1.3	2.6	1.3	.3								5.4	5.3
ESE	.4	.5	.9									1.8	5.8
SE	1.8	1.4	.8	.1								4.1	4.8
SSE	1.4	1.9	.8									4.1	4.8
S	1.3	1.2	.4									2.8	4.3
SSW	.9	1.3	.5									2.7	5.0
SW		.4	.6									1.0	7.3
WSW	.1	.3	.4									.8	5.5
W	1.4	1.7	1.0	.1								4.3	5.0
WNW	.6	.9	.1	.4								2.1	5.8
NW	.9	1.9	.8	.5								4.1	6.0
NNW	.3	1.3	.8									2.3	5.9
VARBL													
CALM												54.9	
	13.0	19.9	10.4	1.8								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 772

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.5										1.6	3.0
NNE	.5	1.1	.2									1.8	4.6
NE	.3	1.0	.2									1.5	4.9
ENE	.7	.5	.3									1.5	4.8
E	.2	.5	1.0	.2								1.8	6.8
ESE	.2		.2									.3	4.5
SE	.7											.7	2.0
SSE	.7	.2										.8	2.8
S	2.9	1.1	.3									4.4	3.4
SSW	.8	1.0	.2									2.0	3.7
SW	1.3	.8	.8	.3								3.3	5.5
WSW	.5	.7	.3	.2								1.6	5.8
W	.5	.5	.5									1.5	4.8
WNW	.3	.7	.2									1.1	5.0
NW	.7	1.5	.8	.5								3.4	6.4
NNW	.3	.2	.3									.8	4.6
VARBL													
CALM												72.0	
	11.5	10.1	5.2	1.1								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 615

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUN
MONTHALL WEATHER
CLASS-0300
LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	.1									2.4	3.8
NNE	.6	1.0	.8									2.4	5.4
NE	.3	1.0	.3									1.5	5.1
ENE	.3	.6	.7									1.5	5.5
E		1.0	.7									1.7	6.4
ESE	.1											.1	3.0
SE		.1	.1									.3	6.5
SSE	.1											.1	2.0
S	1.8	.8										2.6	2.8
SSW	.6	.8	.3	.1								1.8	4.8
SW	.3	.6	.3	.3								1.4	6.9
WSW	.3	.8	.6	.1								1.8	6.2
W	1.2	1.7	.1									3.0	4.0
WNW	.6	.6										1.1	3.4
NW	.7	.7	1.4	.3								3.0	6.8
NNW	.4	.3										.7	3.8
VARBL													
CALM												74.6	
	8.0	11.2	5.4	.8								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

723

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	1.2	.1								5.7	4.9
NNE	.5	1.5	1.0									3.0	5.6
NE	.4	1.5	1.2	.2								3.3	6.5
ENE	.5	.6	.3	.1								1.5	5.5
E	1.1	1.7	.7									3.5	4.7
ESE	.6	.6	.1									1.3	4.0
SE	.7	.7	.1									1.5	3.8
SSE	.4	.6										1.0	3.9
S	2.3	2.0	.1									4.4	3.5
SSW	2.4	1.4	.9									4.7	4.3
SW	1.4	2.7	.9									5.1	4.7
WSW	1.3	1.7	1.0									4.0	4.9
W	2.0	1.3	.6									3.9	3.8
WNW	.4	1.5	1.0									2.9	5.7
NW	.4	2.4	1.1	.3								4.2	6.0
NNW	.9	1.5	.3									2.7	4.4
VARBL													
CALM												47.0	
	17.3	24.4	10.6	.7								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 990

2
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	2.2	.3								3.6	6.0
NNE	.7	1.8	1.1									3.6	5.1
NE	.7	2.5	2.6									5.9	6.2
ENE	.6	1.7	.6									2.9	5.4
E	1.1	2.4	.7	.4								4.6	5.2
ESE	.3	1.2	.5									2.0	5.4
SE	.9	.8										1.7	3.7
SSE	.6	1.5	.4									2.5	5.0
S	1.9	4.7	1.5									8.2	4.7
SSW	2.5	3.7	2.1									8.4	5.0
SW	2.1	3.4	2.3	.5								8.4	6.0
WSW	.7	2.9	1.8	.3								5.8	6.0
W	2.2	3.1	2.5	1.0								8.9	6.3
WNW	1.3	2.9	2.7	.9	.4							8.3	7.4
NW	1.0	1.7	3.2	1.2								7.2	7.5
NNW	.5	.9	1.3	.5								3.2	7.5
VARBL													
CALM												12.6	
	18.5	37.4	25.8	5.2	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

990

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.3									4.8	5.4
NNE	.3	.8	.2									2.0	6.0
NE	.3	.9	1.4	.4								3.0	7.4
ENE	.3	.9	1.2									2.4	6.3
E	1.0	2.7	1.1	.4								5.3	6.0
ESE	1.1	1.3	.9									3.3	5.0
SE	1.1	1.9	1.7	.2								4.9	5.8
SSE	.7	2.1	1.5									4.3	5.6
S	1.6	4.6	3.8	.2								10.3	5.9
SSW	1.0	4.4	3.4	.6								9.3	6.4
SW	1.7	2.4	2.2	.6								7.9	6.2
WSW	.7	2.2	2.8	.2								6.0	6.3
W	1.3	3.1	3.1	1.6	.1							11.2	7.6
WNW	.6	1.8	3.2	.9	.1							6.7	8.0
NW	.5	1.7	2.5	.9	.1							6.3	8.1
NNW	1.0	1.3	1.5	.9	.1							5.1	7.4
VARBL													
CALM												7.7	
	14.5	35.1	35.4	7.0	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.5	.1	.1							3.4	5.4
NNE	.3	.9	1.2									2.4	6.6
NE	.4	1.0	.6									2.1	5.8
ENE	.3	.6	.4									1.4	5.5
E	.5	3.4	1.7	.4								6.0	6.1
ESE	1.3	1.7	1.2	.1								4.2	5.3
SE	1.0	3.0	3.4	.2								7.7	6.1
SSE	1.4	3.7	2.7	.6	.1							8.5	6.4
S	2.4	5.0	4.1	.3								11.9	5.8
SSW	1.4	3.3	2.5	.4								7.6	6.0
SW	1.5	2.4	2.7	.2								6.8	6.0
WSW	.5	2.2	1.5	.3								4.5	6.1
W	1.2	3.0	2.7	.7								7.7	6.5
WNW	1.2	2.3	3.4	.9	.1							7.9	7.3
NW	1.2	2.7	2.4	1.5								7.8	7.2
NNW	.6	1.5	1.5	.3								3.9	6.4
VARBL													
CALM												6.5	
	15.8	38.7	32.4	6.2	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 953

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T.)

CONDITION

SPEED (KNTS): DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.6									2.6	4.6
NNE	.1	1.0	.2									1.4	5.5
NE	.3	.7	.1	.2								1.4	5.7
ENE	.1	1.0	.5									1.6	5.6
E	1.1	1.9	.8		.1							4.0	5.3
ESE	1.6	2.6	.5	.2								4.9	4.5
SE	3.6	3.5	1.4									8.5	4.2
SSE	3.1	3.1	1.4	.2								7.7	4.7
S	7.6	5.2	1.0	.2								14.1	3.8
SSW	2.5	1.0	.8									4.3	4.2
SW	1.8	1.1	.2									3.0	4.2
WSW	1.0	1.1	.5									2.6	4.5
W	1.6	.7	.7	.2								3.2	5.3
WNW	.9	1.0	.9	.2								3.1	6.0
NW	.6	1.5	.8	.1								3.0	5.5
NNW	1.0	.8	.3	.2								2.4	5.2
VARBL													
CALM												32.3	
	27.8	27.5	10.6	1.7	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

879

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.3									1.0	5.5
NNE	.5	.5	.1									1.1	4.1
NE		.3	.3									.5	6.8
ENE	.6	.9	.5	.3								2.3	6.1
E	.9	.8	.6									2.3	4.8
ESE	.9	.8	.1									1.8	3.8
SE	2.0	.9										2.9	3.2
SSE	2.4	1.8	.1									4.3	3.3
S	2.1	2.4	.5									5.1	4.1
SSW	.8	.5	.1									1.4	3.9
SW	1.0	.4	.1	.1								1.6	3.8
WSW	.3	.3	.1	.3								.9	6.7
W	.4	.8	.1	.1	.1							1.5	5.8
WNW	.9	.8	.9									2.5	5.4
NW	.8	.5	.4	.3								1.9	5.6
NNW	.1	.1	.3									.5	6.8
VARBL													
CALM												68.4	
	13.8	12.1	4.6	1.0	.1							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 791

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6										1.1	3.7
NNE	.2	.3										.5	3.3
NE	.5	.3	.5									1.2	4.9
ENE	.2	.5										.6	4.0
E	.2	.6	.6									1.4	6.3
ESE		.2	.2	.2								.5	8.7
SE	.6											.6	2.5
SSE	1.1	.2	.2									1.4	3.2
S	1.8	.9	.3									3.1	3.7
SSW	.6											.6	2.0
SW		.8	.2									.9	4.7
WSW	.6	.6										1.2	3.4
W	.8	.6		.2								1.5	4.3
WNW	.6	.6	.3									1.5	4.5
NW	.3	.8										1.1	4.1
NNW	.2	.5	.2									.8	4.8
VARBL													
CALM												82.0	
	8.0	7.4	2.3	.3								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.1									1.3	4.0
NNE	.8	.3										1.1	2.8
NE	1.3	.9										2.3	3.3
ENE		.3	.3									.5	5.8
E	.1	.3	.7									1.1	7.1
ESE	.7											.7	2.4
SE	.1	.3										.4	3.3
SSE	1.5											1.5	2.1
S	.9	1.2	.1									2.3	3.9
SSW	.7	.4										1.1	3.1
SW	.7	.3										.9	3.0
WSW	.3	.1										.4	2.7
W	.4	.5	.5									1.3	5.5
WNW	.7	.4	.1									1.2	4.0
NW	.7	.8	.1									1.6	4.1
NNW	.4	.8										1.2	3.8
VARBL													
CALM												81.0	
	9.9	7.1	2.0									100.0	.7

TOTAL NUMBER OF OBSERVATIONS

747

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	.6	.1								4.2	4.8
NNE	.6	.5	.3									1.4	4.4
NE	1.2	1.4	.5	.2								3.2	5.1
ENE	.8	1.6	.4									2.7	4.8
E	1.1	1.0	.2									2.2	4.0
ESE	.4		.2									.6	4.2
SE	.2	.7	.1									1.0	4.8
SSE	1.1	.4										1.5	2.9
S	2.5	1.7	.4	.1								4.7	3.8
SSW	1.5	1.0	.1									2.5	3.3
SW	1.5	1.1	.5									3.0	4.3
WSW	1.3	1.3	.3									3.0	4.4
W	1.1	1.0	.3	.1								2.4	4.2
WNW	1.0	1.1	.6									2.6	4.3
NW	2.0	2.1	.7									4.7	4.2
NNW	1.5	1.5	.8									3.7	4.7
VARBL													
CALM												56.4	
	18.8	18.3	6.1	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.2	1.3	.1								6.5	5.0
NNE	1.2	1.7	.9									3.7	5.1
NE	.7	2.1	1.4	.1								4.2	5.7
ENE	.7	1.9	.7									3.2	5.1
E	.9	3.0	1.4	.1								5.4	5.5
ESE	.5	1.2	1.0	.1								2.7	5.5
SE	.9	.8	.9									2.5	5.2
SSE	1.3	1.3	1.0									3.5	5.2
S	3.1	5.0	1.7	.1								9.9	4.7
SSW	1.4	3.0	.7	.1								5.2	4.7
SW	2.2	2.2	.6									5.0	4.4
WSW	1.5	3.1	.8									5.4	4.7
W	2.0	5.0	1.6	.7								9.2	5.4
WNW	1.8	2.9	2.8	.4								7.9	5.9
NW	1.4	3.1	2.3	.6								7.4	6.0
NNW	1.7	2.1	2.2	.2								6.1	5.8
VARBL													
CALM												12.1	
	23.0	41.4	21.0	2.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	1.6	.1								5.5	5.4
NNE	.3	1.6	.5									2.3	5.7
NE	.6	2.0	.6									3.1	5.1
ENE	.1	1.4	.9									2.3	6.0
E	1.0	2.2	1.6	.1								4.9	5.7
ESE	.5	1.3	1.3	.1								3.1	6.4
SE	1.1	1.8	1.1	.9								4.8	6.5
SSE	1.0	2.0	1.9	.3								5.1	6.3
S	1.2	5.7	3.1	.2								10.2	5.8
SSW	1.6	3.8	1.8	.3								7.4	5.7
SW	.8	2.5	2.0									5.3	5.9
WSW	1.2	3.0	1.8	.4								6.4	5.9
W	1.5	4.3	4.8	1.0								11.5	6.8
WNW	.8	2.7	2.8	1.0								7.3	7.2
NW	1.0	3.8	3.2	.2								8.2	6.3
NNW	.9	2.2	2.5	.1								5.7	6.3
VARBL													
CALM												6.8	
	14.7	42.6	31.3	4.6								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	1.2	.2								4.3	5.8
NNE	.3	.7	.7	.1								1.8	6.1
NE	.2	1.2	.3									1.7	4.8
ENE	.3	1.2	.7									2.2	5.7
E	1.0	2.3	1.3									4.9	5.4
ESE	.4	2.6	1.3	.1								4.5	6.1
SE	1.1	3.6	3.1	.7								8.4	6.5
SSE	1.5	4.2	3.0	.2								8.3	6.3
S	2.1	4.3	4.0	.3								10.7	6.1
SSW	1.8	3.8	1.6	.1								7.3	5.1
SW	1.4	3.2	1.7	.5								6.8	6.1
WSW	.4	3.2	1.6	.1	.1							3.4	6.3
W	1.5	4.6	3.6	.4	.1							10.2	6.3
WNW	.5	2.1	2.6	.5								5.8	7.1
NW	1.2	2.8	2.3	.5	.1							7.0	6.3
NNW	.4	2.3	1.6	.1								4.5	6.0
VARBL													
CALM												6.1	
	14.3	44.7	30.7	3.9	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

983

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	.3	.2								2.4	5.4
NNE	.3	.8	.6									1.7	5.3
NE	.4	.9	.1									1.4	3.9
ENE	.1	.7	.6									1.3	5.6
E	1.2	1.1	.7									3.0	4.4
ESE	2.2	2.2	.4									4.9	3.9
SE	2.8	3.3	1.4	.1								7.6	4.7
SSE	3.4	3.4	1.3									8.2	4.4
S	3.2	4.7	1.1	.2								11.3	4.2
SSW	1.9	1.5	.9									4.2	4.4
SW	1.0	2.4	.4	.1								4.0	4.8
WSW	1.7	1.4	.7									3.8	4.0
W	1.5	2.3	.9									4.7	4.7
WNW	.8	1.4	.7	.2								3.1	5.9
NW	.7	.8	1.0	.1								2.5	6.0
NNW	.9	1.1	.4									2.4	4.5
VARBL												33.6	
CALM													
	24.7	29.4	11.4	1.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

906

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.5									1.7	5.1
NNE	.4											.4	2.7
NE	.5	.4										.9	3.6
ENE	.4	.6										1.0	4.3
E	1.0	.4	.2									1.6	3.3
ESE	.4	.5		.1								1.0	4.8
SE	1.3	1.2	.1									2.7	3.4
SSE	1.8	.9	.4	.1								3.2	3.9
S	3.5	1.9	.4									5.8	3.6
SSW	.6	.2	.5	.1								1.5	3.8
SW	.2	.7	.1									1.1	4.9
WSW	.4	.1										.5	3.3
W	1.2	.4	.1									1.7	3.5
WNW	.6	.5	.5									1.6	5.0
NW	.9	1.2	.6									2.7	5.2
NNW		.9	.1									1.0	5.9
VARBL													
CALM												71.9	
	19.7	10.4	3.5	.4								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 823

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3										.9	3.3
NNE		.6	.2									.8	5.4
NE	.8	.5	.2									1.4	3.7
ENE		.9										.9	4.3
E	.5	.2										.6	3.3
ESE	.2	.2										.3	3.5
SE	.9											.9	2.8
SSE		.5										.5	5.3
S	2.0	.9										2.9	2.9
SSW	.8	.6	.5	.2								2.0	5.3
SW	.2	.9	.5									1.5	5.7
WSW	.3		.2									.5	4.0
W	.6	.9	.3									1.8	4.7
WNW	1.2	.8										2.0	3.2
NW	.5	1.1	.2									1.7	4.5
NNW	.5	.5	.3									1.2	5.0
VARBL													
CALM												80.0	
	8.9	8.8	2.2	.2								100.0	.8

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7		.1								1.9	4.0
NNE	.5	.5	.3									1.3	4.7
NE	.7	1.1	.1									1.9	4.3
ENE	.3	.4										.7	3.4
E	.3	.4										.7	3.4
ESE	.3	.1										.4	2.3
SE	.1	.4										.5	3.5
SSE	.4											.4	2.0
S	2.0	.8										2.8	3.1
SSW	.8	.4	.1									1.3	3.6
SW	.5	.8	.4									1.7	4.8
WSW	.3	.1										.7	3.0
W	.4	.5	.5	.1								1.6	5.8
WNW	1.1	.9										2.0	3.3
NW	.4	.7	.1									1.2	4.3
NNW	.8	.3										1.1	3.0
VARBL													
CALM												79.8	
	10.2	8.2	1.6	.3								100.0	.8

TOTAL NUMBER OF OBSERVATIONS

746

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	.4									3.5	4.5
NNE	.9	1.2	.6									2.6	4.9
NE	.7	1.3	.4									2.3	4.6
ENE	.6	1.4	.4									2.3	5.0
E	.4	.6	.2	.1								1.3	5.2
ESE	.3	.2	.1									.6	4.2
SE	.2	.6										.8	4.0
SSE	.3	.2										.5	3.2
S	2.0	1.5	.2									3.6	3.6
SSW	.8	1.1	.3									2.2	4.1
SW	1.2	.7	.6	.1								2.5	4.6
WSW	1.5	1.4	.3									3.1	4.1
W	1.4	1.0	.9									3.2	4.7
WNW	1.5	.8	.2	.1								2.5	4.1
NW	1.6	2.4	.4									4.4	4.1
NNW	1.0	1.0	.1									2.1	3.9
VARBL													
CALM												62.4	
	15.2	17.2	5.0	.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.8	2.1	.2								6.7	5.5
NNE	.7	1.1	1.1	.2								3.0	6.2
NE	.9	2.1	1.6	.3								4.8	6.2
ENE	.5	2.1	.9									3.4	5.6
E	1.3	3.3	1.0									5.6	4.9
ESE	.5	.9	.2									1.6	4.3
SE	.9	.9	.8	.1								2.6	5.4
SSE	.5	1.0	.3									2.5	5.1
S	3.3	4.5	1.5									9.3	4.4
SSW	1.2	2.3	1.9	.1								5.5	5.6
SW	1.2	3.4	1.5	.2								6.3	5.7
WSW	2.5	3.2	1.0	.1								6.8	4.6
W	1.5	4.4	1.5	1.0	.1							8.4	6.1
WNW	1.0	2.6	2.6	.5								6.7	6.6
NW	1.4	2.6	2.9	.6								7.5	6.5
NNW	1.7	2.5	1.3	.1								5.6	3.3
VARBL													
CALM												13.6	
	20.5	40.6	21.9	3.3	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

PORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.8	2.5	.1								6.3	6.2
NNE	.5	.8	1.0	.2								2.4	6.4
NE	.3	1.6	.6	.1								2.5	5.9
ENE	.4	1.4	.7									2.4	5.7
E	.6	3.3	1.5									5.4	5.6
ESE	.3	1.5	1.5	.2								3.4	6.7
SE	.8	2.1	.9									3.7	5.4
SSE	.7	1.9	1.5	.2								4.2	6.0
S	1.8	5.2	3.4	.5								10.9	6.1
SSW	1.1	1.7	1.9	.3								4.9	6.1
SW	1.8	1.8	2.1	.5								6.1	6.0
WSW	1.4	2.8	2.1	.2								6.5	5.5
W	2.0	4.3	4.3	1.5								12.0	6.8
WNW	.9	2.4	4.2	.9								8.4	7.2
NW	.9	3.2	3.5	.4								8.0	6.7
NNW	.3	2.1	1.8	.2								4.3	6.8
VARBL													
CALM												8.6	
	14.3	38.7	33.2	5.2								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.3									5.1	5.4
NNE	.8	1.1	.3									2.2	4.5
NE	.1	1.1	.5									1.7	5.6
ENE	.2	1.3	.7	.2								2.4	6.0
E	.7	2.0	1.9	.2								4.9	6.5
ESE	.5	2.2	1.2	.1								4.1	5.8
SE	1.2	4.2	3.1	.1								8.6	5.8
SSE	1.6	3.7	3.2	.2								8.7	5.8
S	2.4	3.9	3.8	.4								10.4	5.8
SSW	.8	2.4	2.0	.2								5.5	6.2
SW	1.5	1.6	2.2	.1								5.5	5.8
WSW	1.2	1.9	1.4									4.6	5.4
W	1.2	5.1	2.8	.5								9.6	6.0
WNW	.6	3.0	3.7	.7								8.0	7.0
NW	1.7	3.1	2.6	.5								8.0	6.0
NNW	.8	2.4	1.2	.2								4.7	5.8
VARBL													
CALM												6.0	
	16.6	41.8	32.2	3.4								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

986

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.7	.5									3.1	4.0
NNE	.8	.2	.1									1.1	3.3
NE	.2	.5	.2									1.0	3.2
ENE	.7	.7	.2	.2								1.8	3.5
E	1.0	1.4	.4	.1								3.0	4.9
ESE	1.4	1.2	.2									2.9	3.9
SE	4.3	5.0	1.4									10.7	4.2
SSE	3.7	2.7	1.1									7.6	4.0
S	2.6	3.2	1.2									7.0	4.3
SSW	.9	.9	.3									2.1	4.6
SW	.5	1.0	.3									1.9	4.8
WSW	.9	1.0	.5									2.4	4.4
W	1.9	1.6	.3		.1		.1					4.1	5.0
WNW	.3	.5	.7	.1	.1							1.8	7.7
NW	1.4	1.9	.7	.3								4.3	5.3
NNW	.5	.3	.2	.1								1.2	5.0
VARBL													
CALM												44.3	
	23.0	22.9	8.6	.9	.2		.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

912

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.2									1.1	4.4
NNE	.2	.4	.1									.7	4.3
NE	.1	.4	.5									1.0	6.6
ENE	.1	.8	.5									1.5	5.6
E	.7	1.1	.1									1.9	3.9
ESE	.2	.4										.6	3.6
SE	1.1	.5	.4									1.9	4.4
SSE	1.5	1.0	.2	.1								2.8	4.5
S	1.7	1.8	.6									4.1	4.1
SSW	.6	.8		.1								1.6	4.6
SW	.5	.7	.2									1.5	4.5
WSW	.4	.2										.6	2.8
W	.4	.7	.4	.1								1.6	5.9
WNW	.2		.1	.2								.6	8.6
NW	.7	.6	.1	.1								1.6	4.5
NNW	.4	.6	.2									1.2	4.5
VARBL													
CALM												75.8	
	9.1	10.7	3.8	.7								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS

825

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	.2	.2								3.6	4.1
NNE	1.1	.9	.3									2.4	3.9
NE	.5	1.1	.2									1.7	4.7
ENE	.5	1.4	.8	.2								2.8	5.9
E	1.3	1.9	1.1									4.3	5.0
ESE	.2	.2										.3	4.0
SE	.2	.2										.3	3.0
SSE	.2	.2										.3	4.0
S	.8	.8										1.6	3.5
SSW	.5	.2										.6	2.8
SW		.6	.2									.8	4.8
WSW	.6	.3										.9	3.5
W	1.1	.6	.2									1.9	3.7
WNW	.6	.6	.5									1.7	5.3
NW	1.7	.3	.6	.2								2.8	4.5
NNW	.6	.5	.2									1.3	4.0
VARBL													
CALM												72.5	
	11.5	11.4	4.1	.5								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

633

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.1	.4	.1								5.1	4.1
NNE	1.6	.9	.4									2.8	4.4
NE	1.0	.9	.6	.1								2.6	4.8
ENE	.4	.4	.7	.6								2.1	7.7
E	1.0	1.4	.9	.1								3.4	5.1
ESE		.6										.6	4.8
SE	.1	.4										.6	4.0
SSE	.7											.7	2.4
S	1.0	.4										1.4	3.1
SSW		.1										.1	4.0
SW	.4	.3										.7	3.4
WSW	.1	.6										.7	4.5
W	.3	1.0	.3									1.6	4.7
WNW	.9	.4	.1									1.4	3.5
NW	1.4	1.3	.1	.1								3.0	4.0
NNW	1.0	1.1	.3									2.4	4.1
VARBL													
CALM												70.7	
	12.4	11.9	3.8	1.1								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

703

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.9	1.4	.2								6.6	5.1
NNE	.8	1.4	.4									2.7	4.7
NE	.7	3.1	1.1									4.9	5.3
ENE	.4	.8	.4	.1								1.8	5.6
E	.9	2.2	.1	.2								3.4	4.8
ESE	.2	.1	.3	.1								.8	6.4
SE	.7	.3	.2									1.2	4.5
SSE	.4	.2										.7	2.8
S	1.1	.8	.4	.1								2.4	4.7
SSW	.3	.3	.1									.8	4.0
SW	.4	.3	.3									1.1	4.5
WSW	.3	.4	.1									.9	4.1
W	.9	1.0	.4	.1								2.4	5.1
WNW	1.0	1.3	.3	.1								2.8	4.5
NW	2.0	1.2	.7									3.9	4.0
NNW	1.8	1.3	.6									3.7	4.3
VARBL													
CALM												60.0	
	14.0	17.9	7.1	1.0								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.7	3.6	2.0	.3								8.3	5.8
NNE	.4	3.6	1.4	.2								5.7	6.1
NE	1.0	3.8	3.1	.1								8.0	6.0
ENE	.4	3.0	2.0	.3								5.8	6.2
E	1.4	4.8	2.2									8.4	5.5
ESE	.4	.8	.6									1.8	5.3
SE	.6	1.2	.3	.1								2.2	5.1
SSE	.6	.6	.2									1.3	4.3
S	1.6	2.7	1.3									5.6	4.9
SSW	1.8	1.6	1.4	.2								5.0	5.4
SW	1.4	2.4	1.3	.3	.1							5.7	6.0
WSW	.6	1.2	.2									2.0	4.4
W	2.4	2.9	1.7	.4								7.4	5.3
WNW	1.1	1.3	1.2	.6	.1							4.3	6.8
NW	1.2	3.0	2.2	.8								7.2	6.4
NNW	1.1	2.4	2.3	.3								6.2	6.0
VARBL													
CALM												15.0	
	17.8	38.8	24.4	3.8	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.6	1.3	.2								5.9	5.6
NNE	1.1	2.1	1.0	.2								4.4	5.7
NE	1.2	2.8	1.6	.3								5.9	5.8
ENE	.7	2.3	2.4	.2								5.7	6.5
E	1.1	4.0	2.9	.3								8.3	6.1
ESE	.7	1.4	1.1	.3								3.6	6.3
SE	.4	1.9	.9	.2								3.4	6.0
SSE	.6	1.1	.8									2.4	5.5
S	1.6	3.9	2.0	.2								7.7	5.5
SSW	1.8	1.2	2.7	.8	.1							6.6	6.8
SW	.6	2.3	1.7	.1								4.7	6.3
WSW	.6	1.8	.4	.2								3.0	5.6
W	2.2	4.6	2.9	1.0								10.7	6.1
WNW	.6	1.9	1.9	.9								5.2	7.4
NW	1.8	2.8	3.0	.7								8.2	6.5
NNW	.9	3.2	2.1	.6								6.8	6.3
VARBL													
CALM												7.6	
	16.4	40.9	28.7	6.3	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	1.4	.1	.1							5.8	5.6
NNE	.6	1.0	1.1									2.8	5.7
NE	1.7	3.3	1.5	.3								6.9	5.5
ENE	.5	1.1	1.3	.3								3.2	6.6
E	1.5	4.4	1.6									7.5	5.3
ESE	1.0	2.4	.7									4.1	4.8
SE	1.8	3.9	1.0	.1								6.9	4.9
SSE	1.0	2.4	1.1	.1								4.7	5.2
S	2.8	5.4	1.9									10.1	4.9
SSW	2.1	1.4	1.3	.1								4.8	4.9
SW	1.7	1.4	1.3									4.4	4.8
WSW	.9	1.1	.7	.1								2.9	4.8
W	1.5	3.3	2.3	.5								7.6	6.3
WNW	1.4	3.4	1.9	.2								7.0	5.8
NW	1.3	3.0	3.2	.3								7.8	6.3
NNW	.9	1.7	1.4	.2								4.2	6.0
VARBL													
CALM												9.4	
	22.0	42.2	23.7	2.5	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

872

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.6	.2									3.7	3.7
NNE	.7	.4										1.1	3.4
NE	1.6	1.2	.6	.1								3.6	4.6
ENE	.4	1.2	.6	.1								2.3	5.4
E	1.6	2.8	1.1	.1								5.7	4.8
ESE	1.6	.5	.2									2.3	3.4
SE	3.3	2.6	.1									6.0	3.4
SSE	2.6	.6	.4									3.6	3.3
S	2.5	1.2	.1									3.8	3.5
SSW	1.1	.9										2.0	3.4
SW	.5	.1	.4									1.0	4.8
WSW	.4	.1										.5	2.5
W	.9	.4	.7									2.0	5.1
WNW	1.1	1.2	.2	.1								2.7	4.5
NW	1.2	.7	.6									2.6	4.5
NNW	1.2	1.2	.2									2.7	4.1
VARBL													
CALM												54.4	
	22.5	16.9	5.7	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 812

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733

FORT MEADE MARYLAND/TIPTON AAF

60-69

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	.3									2.4	3.8
NNE	.5											.5	3.0
NE	.9	1.1	1.1									3.1	5.0
ENE	1.1	.8	.9	.1								2.9	5.5
E	1.3	1.5	.4	.3								3.5	4.7
ESE	1.3	.7										2.0	3.4
SE	.9	.7										1.6	3.3
SSE	.4	.3	.3									.9	4.9
S	.3	.5										.8	4.2
SSW	.7	.4										1.1	3.5
SW		.1										.1	6.0
WSW	.1	.5	.3									.9	5.0
W	.7	.7	.7									2.0	4.8
WNW	.5	.8	.4									1.7	5.5
NW	1.5	.4	.5									2.4	3.9
NNW	.9	.8	.5									2.3	4.8
VARBL												71.8	
CALM													
	12.5	10.0	5.3	.4								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

752

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-65
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.4									2.3	4.5
NNE	1.1	.4	.2									1.6	2.9
NE	.4	1.4	.2									2.0	5.2
ENE	.5	.2	.7									1.4	5.3
E	1.1	.4	.2									1.6	3.4
ESE		.2										.2	4.0
SE		.4										.4	6.0
SSE		.2										.2	6.0
S	.4	.7	.4									1.4	5.4
SSW	.2	.5	.2									.9	5.2
SW		.7	.5									1.3	5.7
WSW	.4	.5										.9	4.4
W	1.3	1.1	.7									3.0	4.8
WNW	.5	1.4	.5									2.5	5.7
NW	1.6	1.3	1.1	.4								4.3	5.5
NNW	.4	1.4										1.8	4.2
VARBL												74.2	
CALM													
	8.6	11.8	5.0	.4								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

958

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.8									2.5	5.0
NNE	.5	.5										.9	3.5
NE	.8	.9	.6									2.3	4.7
ENE	.3	.2	.6									1.1	5.6
E	.8	.6	.2									1.5	4.2
ESE		.3										.3	5.0
SE	.2											.2	2.0
SSE													
S	1.1	.8	.2									2.0	3.8
SSW	.9	.3	.2									1.4	3.7
SW	.5	.5										.9	3.5
WSW	.3	.2	.3									.8	5.0
W	1.1	.8	.9	.2								2.9	5.4
WNW	1.4	1.4	.3	.2								3.2	4.4
NW	1.4	1.5	.8	.3								4.0	5.6
NNW	1.1	.3	.2									1.5	3.5
VARBL													
CALM												74.4	
	11.1	9.0	4.9	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

648

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	.5									3.3	4.5
NNE	.2	1.3										1.5	4.1
NE	1.0	1.6	.2									2.8	4.3
ENE	1.2	.8										1.9	3.3
E	1.2	1.5	.4	.1								3.2	4.9
ESE	.1	.1	.3									.5	6.2
SE	.2	.4										.6	4.0
SSE	.4	.2	.1									.8	3.6
S	.8	.4	.1									1.3	4.1
SSW	.8	.9	.3									1.9	4.7
SW	1.1	.4	.4									1.9	4.4
WSW	.8	.4	.1									1.3	3.8
W	2.1	1.5	1.1	.2								4.9	5.0
WNW	.8	2.1	1.3	.6								4.8	6.5
NW	1.4	1.4	1.1	.2	.1							4.2	6.1
NNW	1.0	.9	.3	.2								2.4	5.1
VARBL													
CALM												62.5	
	14.0	15.6	6.4	1.4	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	2.0	.1								5.9	5.9
NNE	.5	1.5	.5									2.6	5.2
NE	.8	2.9	1.3									5.0	5.3
ENE	.9	2.7	1.4									5.0	5.2
E	1.1	3.3	1.5									5.9	5.3
ESE	.3	1.2	.8									2.3	5.5
SE	.5	1.0	.4	.1								2.0	5.4
SSE	.3	1.1	.4	.1								1.9	5.6
S	.8	1.4	1.1									3.2	5.4
SSW	1.1	2.7	1.4	.1								5.3	5.7
SW	1.6	2.4	1.9	.3								6.2	5.6
WSW	.6	1.4	1.4	.2								3.7	6.4
W	1.4	2.7	2.6	1.1	.2							8.0	7.2
WNW	1.2	1.6	2.5	2.5	.2							8.0	8.5
NW	1.0	2.7	3.8	1.8	.5	.1						9.9	8.7
NNW	1.5	1.8	1.6	.9	.2	.1	.1					6.2	7.3
VARBL													
CAIM												18.9	
	15.0	32.8	24.7	7.2	1.2	.2	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

928

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.5	1.6	.2	.1							5.3	6.2
NNE	.6	2.0	.3									3.0	4.8
NE	1.0	1.3	1.3									3.5	5.5
ENE	.5	2.0	.6									3.2	5.3
E	1.0	3.3	1.9	.2								6.5	5.8
ESE	1.1	2.2	1.0	.2								4.4	5.5
SE	.6	1.0	1.0	.1								2.7	5.8
SSE	.8	1.0	1.7	.2								3.7	6.1
S	1.0	2.0	2.5	.1								5.6	6.3
SSW	.9	1.3	2.2	.4								4.7	6.5
SW	.9	3.0	1.9	.6								6.5	6.5
WSW	.5	2.7	1.9	.4								5.6	6.7
W	.9	3.0	4.2	1.7	.1							9.9	7.9
WNW	1.1	1.6	4.1	2.9	.5							10.2	9.3
NW	1.3	2.6	3.4	2.7	.3							10.3	8.3
NNW	.4	1.6	3.1	1.4	.1							6.7	8.5
VARBL													
CALM												8.3	
	13.3	33.1	32.8	11.3	1.2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	1.3	.2								6.0	5.6
NNE	.3	1.1	.3									1.8	4.9
NE	.6	.6	.7	.1								1.9	5.8
ENE	.7	.7	.6									1.9	5.0
E	1.2	3.0	1.3	.1								5.7	5.2
ESE	1.6	3.3	.7	.1								5.7	4.7
SE	1.2	3.2	1.0	.1								5.6	5.0
SSE	.6	2.6	1.0	.1								4.2	5.7
S	1.8	2.4	1.7	.4								6.3	5.6
SSW	1.1	3.7	.8	.7								6.2	5.7
SW	1.8	2.7	1.2	.1	.1							5.9	5.4
WSW	1.1	1.4	.8	.2								3.6	5.5
W	2.1	2.9	1.9	1.4	.1	.2						8.7	7.1
WNW	1.0	3.4	2.4	2.4	.2							9.6	7.9
NW	1.3	3.0	3.7	1.6	.3	.1						10.0	7.6
NNW	.6	1.1	2.0	.6								4.2	7.5
VARBL													
CALM												12.9	
	17.6	38.9	21.3	8.2	.8	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

0CT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3										2.3	3.9
NNE	.1	.4	.1									.6	4.8
NE	.2	.6	.2									1.1	4.7
ENE	.1	.2										.4	4.3
E	1.7	.8										2.5	3.0
ESE	1.1	1.2										2.3	3.5
SE	1.2	1.2	.1	.1								2.7	4.3
SSE	2.3	.7	.2									3.3	3.3
S	1.9	.7	.5									3.1	3.7
SSW	.2	.1	.4									.7	3.8
SW	1.0	.1	.1	.1								1.3	4.8
WSW	.1	.5	.2	.4	.1							1.3	8.6
W	1.4	1.4	1.1	.6								4.6	6.2
WNW	1.8	.8	1.2	.7								4.6	6.2
NW	1.2	1.7	1.2	.7								4.8	6.5
NNW	.6	1.1	.4	.1								2.2	5.1
VARBL													
CALM												62.2	
	16.1	13.0	5.8	2.8	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

828

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

DCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	.4	.1								2.3	5.2
NNE	.5	.3	.1									.9	3.9
NE	.3	.8	.1									1.2	4.4
ENE		.5	.3									.8	3.2
E	.5	.3	.1									.9	3.7
ESE	.5	.3										.8	3.2
SE	.1	.4	.1									.7	5.0
SSE	.1	.4	.1									.7	4.4
S	1.6	1.3	.1									3.1	3.3
SSW	.3	.4		.1								.8	4.8
SW	.1	.3	.4									.8	6.8
WSW	.7	.4	.3	.3	.1							1.7	6.9
W	1.2	1.9	1.1	.1								4.3	5.4
WNW	.8	1.6	.4	.4								3.2	5.7
NW	1.2	1.2	1.2	.5	.1							4.3	6.8
NNW	.4	.7	.3	.5								1.9	7.4
VARBL													
CALM												71.7	
	8.8	12.0	5.1	2.1	.3							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 750

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

59-65
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.7										1.7	3.4
NNE	.5	1.0	.2									1.7	4.8
NE	.7	1.0			.5							2.2	7.2
ENE	.2	.7	.2									1.0	5.0
E	.8	1.2	.3	.2	.2							2.7	6.1
ESE	.3	.2										.5	3.3
SE		1.0										1.0	4.8
SSE	.3	.5	.5	.2								1.5	6.1
S	1.7	1.5	.2	.2	.2							3.7	4.8
SSW	.3	.8	1.4		.3							2.9	7.9
SW	.3	1.2		.2								1.7	4.9
WSW		.8	.5									1.4	5.5
W	.7	1.5	1.4	.8	.2							4.6	7.6
WNW	1.0	1.7	1.2	.7								4.6	7.1
NW	1.4	1.5	2.2	2.2								7.3	8.0
NNW	.3	.3	.8	1.0	.5							3.0	11.6
VARBL													
CALM												58.5	
	9.6	15.7	8.8	5.4	1.9							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

591

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733 FORT MEADE MARYLAND/TIPTON AAF 59-65 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.0	.2		.2							2.7	4.4
NNE		.7	.2	.2								1.0	7.0
NE	.2	.5	.8	.3								1.9	8.0
ENE	.2	.8										1.0	4.7
E	1.4	.8	.3									2.5	4.0
ESE	.5	.5										1.0	3.7
SE	.3	.7										1.0	3.8
SSE	.3	1.0	.5									1.9	5.5
S	.5	.5	1.2									2.2	6.2
SSW	1.0	.8	.7	1.0								3.6	7.6
SW	.7	.8	.2									1.7	4.3
WSW	.5	1.0										1.5	4.1
W	1.5	3.6	1.9	.8	.2							8.0	6.3
WNW	1.0	1.0	1.9	.5								4.4	6.6
NW	.7	1.9	2.7	1.4								6.6	8.1
NNW		.2	.7	.7								1.5	10.3
VARBL													
CALM												17.5	
	10.2	15.9	11.2	4.9	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 591

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPCED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.4	.1								2.3	3.0
NNE	.3	1.0	.6	.1								2.0	6.2
NE	.8	1.1	.5	.1								2.5	5.0
ENE	.9	1.1	.3									2.3	4.3
E	1.2	1.4	.8									3.3	4.7
ESE	.2	.2										.4	3.5
SE	.1	.1	.1									.3	4.3
SSE	.2	.5	.1									.9	4.3
S	.5	1.2	1.0	.4								3.1	6.8
SSW	1.4	.9	.6	.2								3.1	5.3
SW	.8	1.0	.3	.1								2.2	5.1
WSW	.8	1.5	.4	.1								2.8	5.0
W	1.1	2.5	1.0	1.1	.3							5.9	7.4
WNW	1.4	2.0	3.1	1.0	.3							7.9	7.5
NW	1.0	1.4	2.3	1.3	.4							6.4	8.5
NNW	.8	.5	1.1	.3	.1							2.8	7.1
VARBL													
CALM												51.8	
	12.2	17.3	12.7	4.9	1.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

927

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.7	.2								4.0	6.2
NNE	.1	.6	1.3	.4								2.6	8.0
NE	.8	1.3	1.5									3.8	5.7
ENE	.4	1.7	.4									2.3	3.1
E	1.3	2.4	.9									4.8	4.9
ESE	.5	.7	.7									2.0	3.4
SE	.2	.6	.3									1.2	3.3
SSE	.2	1.0	.1									1.4	4.6
S	1.7	2.3	1.3	.1								3.6	3.0
SSW	.8	2.3	1.4	.4								4.9	6.0
SW	1.6	1.4	1.0	.3								4.5	6.1
WSW	.8	1.5	1.3	.1								3.9	6.1
W	.3	2.2	2.7	2.7	.6		.1					8.7	9.8
WNW	.6	1.4	3.7	3.3	1.2	.1						10.4	10.7
NW	.7	2.0	4.1	2.8	.8	.1						10.6	9.6
NNW	1.2	1.4	2.3	1.9								6.7	8.0
VARBL													
CALM												22.5	
	12.3	24.5	23.1	12.7	2.6	.2	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 954

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	2.2	.3								4.9	6.6
NNE	.5	1.0	.6	.2								2.4	5.6
NE	.7	.8	1.9	.2								3.7	6.7
ENE	.5	.7	.4									1.7	4.5
E	1.0	2.7	1.3	.2								5.2	5.6
ESE	.4	.9	.6									2.0	5.4
SE	.2	1.0	.9	.3								2.5	7.0
SSE	.1	1.8	1.5	.1								3.5	6.4
S	.9	2.1	2.6	.3								6.0	6.3
SSW	1.0	1.8	2.3	.5								5.7	6.7
SW	.9	2.5	2.3	.7	.2							6.7	7.0
WSW	.5	1.8	1.7	.5								4.5	6.8
W	1.3	2.2	4.7	3.6	.6	.3						12.7	9.6
WNW	.5	1.3	3.8	4.9	.5	.3						11.3	11.1
NW	.2	1.5	6.1	4.1	.9							12.8	10.6
NNW	.4	1.7	3.4	1.4	.1							6.9	8.6
VARBL													
CALM												7.5	
	10.4	25.4	36.3	17.4	2.4	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 954

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.2	.2								3.1	6.1
NNE	.5	.9	.3									1.8	5.0
NE	.5	1.5	.8									2.8	5.6
ENE	.6	.6	.6									1.9	5.4
E	.8	2.2	1.3	.1	.1							4.5	6.1
ESE	1.3	2.0	.8	.1								4.2	4.9
SE	.9	2.3	1.0	.2								4.5	5.4
SSE	.5	1.6	1.4	.1								3.6	6.0
S	1.8	2.9	1.3	.1								6.1	5.0
SSW	.9	1.9	1.0	.1								4.0	5.3
SW	1.3	2.1	.8	.1								4.3	5.2
WSW	1.7	.3	1.0	.4								3.5	5.8
W	1.2	2.7	3.4	2.1	.5	.1						10.0	8.8
WNW	.5	1.9	3.9	3.7	.6	.1						10.7	10.2
NW	1.0	3.8	5.1	2.6	.5							13.1	8.5
NNW	1.0	2.1	2.7	1.8	.1							7.8	7.9
VARBL													
CALM												14.3	
	15.4	29.9	26.7	11.6	1.9	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

954

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.4									2.2	4.4
NNE	.5	.8	.1									1.5	4.7
NE	.6	1.1	.4									2.1	4.6
ENE	.2	.7	.2	.2								1.5	5.8
E	1.1	.8		.1								2.1	4.0
ESE	1.3	1.1	.1	.1								2.7	4.0
SE	1.0	1.0		.1								2.1	5.6
SSE	1.3	1.2	.6	.2								3.4	5.3
S	2.1	1.3	.8									4.2	4.3
SSW	.8	1.0	.4									2.2	4.6
SW	.6	.8	.1									1.6	4.1
WSW	.2	.8	.5									1.6	6.0
W	.8	1.5	3.0	1.0	.2							6.5	9.2
WNW	2.2	1.8	1.9	2.1	.7							8.7	8.4
NW	1.3	1.7	2.9	1.5	.2							7.6	7.9
NNW	.6	.4	1.1	.8	.1							3.0	8.5
VARBL													
CALM												47.2	
	15.8	17.0	12.6	6.2	1.3							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 825

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NDV
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	.1									1.2	4.4
NNE	.6	.6		.1	.1							1.5	6.0
NE	.5	1.2	.1		.1							1.9	5.1
ENE	.4	.1		.1								.6	3.6
E	.7	1.1	.1	.1	.1							2.2	5.7
ESE	.6	.6	.1	.1								1.5	4.7
SE	.7	.7	.2									1.7	4.3
SSE	.1	.2	.2	.1	.2							1.0	9.9
S	1.2	1.0	1.0	.1								3.3	5.3
SSW	.4	.8	.7	.2								2.2	6.6
SW	.5	1.5	.4									2.3	5.0
WSW	.1	1.2	.4	.2								1.9	6.3
W	1.1	2.4	2.4	1.0	.1							7.0	7.2
WNW	.5	1.5	2.2	1.6	.1							5.8	8.8
NW	1.0	1.7	2.8	1.9	.1							7.5	8.7
NNW	.6	.5	.8	1.5								3.4	9.0
VARBL													
CALM												55.0	
	9.5	15.8	11.6	7.2	1.0							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 825

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-65
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.6	.2								2.5	5.9
NNE	.9	.3	.6	.3								2.2	6.4
NE	1.1	.8	.8									2.6	5.0
ENE	.8	.2	.2									1.1	4.0
E	.8	.9	.9	.2								2.8	5.5
ESE	.3	.6										.9	4.2
SE		.2	.2									.3	6.0
SSE		.5										.5	4.7
S	.8	.3	.3									1.4	4.3
SSW	.8	.9	.6	.2								2.5	5.8
SW	.9	1.2	.8	.2								3.1	5.1
WSW	.6	.6	.3									1.5	4.5
W	1.1	2.6	2.0	.6	.3							6.6	7.0
WNW	.3	1.4	2.8	1.8								6.3	8.7
NW	1.7	2.5	1.5	2.5	.5							8.6	8.2
NNW	.5	.8	.9	.5								2.6	7.5
VARBL													
CALM												54.7	
	11.2	14.6	12.4	6.3	.8							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-65
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.5	.5								2.9	5.9
NNE	.6		.3									.9	4.5
NE	.3	.5	.5									1.2	5.4
ENE	.6	.9	.6									2.2	5.3
E	.5	1.5	.8									2.8	5.3
ESE	.3	.5	.3									1.1	5.1
SE		.2										.2	5.0
SSE	.2	.3										.5	4.7
S	.5	.3										.8	3.0
SSW	.8	.6		.2								1.5	4.6
SW	.8	1.5	.5	.8								3.5	6.9
WSW	1.1	.6	.5	.2								2.3	4.7
W	1.2	2.0	1.7	.8	.2							5.8	6.9
WNW	.6	1.7	1.2	2.2								5.7	8.8
NW	1.7	1.7	4.1	1.5								9.1	7.7
NNW	1.2	.9	1.4	.6								4.1	6.9
VARBL													
CALM												55.5	
	11.1	14.4	12.3	6.6	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

651

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.5	.4	.1							2.8	6.4
NNE	.4	.9										1.3	4.1
NE	.4	.7	.3									1.4	4.8
ENE	.7	1.3	.4									2.4	4.8
E	1.1	1.6	.4									3.1	4.6
ESE	.3	.6										.9	3.8
SE	.3	.4	.1									.8	4.6
SSE	.2	.4	.1									.7	4.3
S	.8	1.1	.1									2.0	4.3
SSW	.4	.4	.3	.2								1.3	6.3
SW	.7	1.4	.5	.3								2.9	5.7
WSW	1.1	.8	1.1	.1	.1							3.2	5.8
W	2.3	2.4	2.2	.4	.2		.1					7.6	6.2
WNW	1.0	2.3	2.2	2.1	.2							7.8	8.1
NW	1.3	1.4	1.8	2.0	.3							6.8	8.6
NNW	.8	.8	1.4	.5	.1							3.6	7.3
VARBL													
CALM												51.5	
	12.9	17.2	11.4	6.0	1.0		.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

1002

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEAR

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.8	.9								4.2	7.0
NNE	.7	.7	.2									1.7	4.5
NE	.5	1.3	1.0									2.7	5.7
ENE	1.0	1.7	.6	.1								3.3	4.9
E	.8	2.0	.5									3.2	4.6
ESE	.1	1.0	.1									1.2	4.4
SE	.5	.5	.1									1.1	4.0
SSE	.6	1.0	.3									1.9	4.5
S	1.9	1.7	.5	.2								4.2	4.6
SSW	1.4	.7	.9	.4								3.3	5.7
SW	.4	1.4	1.7	.2								3.6	6.6
WSW.	1.0	1.5	.9	.4	.2							3.9	6.6
W	1.3	1.3	2.7	2.3	.5							8.1	9.1
WNW	.4	2.1	3.8	3.9	1.2							11.3	10.5
NW	1.4	2.2	3.7	2.8	.5	.4						11.0	9.2
NNW	.9	1.4	2.2	1.8	.2							6.5	8.8
VARBL													
CALM												28.7	
	13.3	22.0	20.0	13.0	2.5	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.1	.8	.2							4.8	8.0
NNE	.7	.9	1.1									2.6	5.4
NE	.8	1.3	.6									2.6	4.9
ENE	.5	1.3	.8									2.5	5.5
E	1.1	1.5	.3	.2								3.0	4.5
ESE	.3	.9	.2	.1								1.5	5.5
SE	.5	.3	.5									1.3	5.1
SSE	.8	1.3	.4									2.6	4.6
S	1.4	2.6	1.6	.1								5.7	5.5
SSW	1.0	2.2	1.9	.8								5.8	6.8
SW	1.1	2.3	2.0	.8								6.2	6.6
WSW	.9	.8	1.5	.5	.1							3.7	7.0
W	1.6	2.4	3.0	4.1	.6	.1	.1					13.9	9.5
WNW	.8	1.8	3.0	4.6	1.3	.4						11.8	11.1
NW	.3	3.2	7.0	3.8	.8	.3						15.4	9.8
NNW	.4	.9	2.2	1.8	.1							5.4	9.6
VARBL													
CALM												11.1	
	12.7	24.7	30.0	17.5	3.0	.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	1.1	.3								4.0	6.0
NNE	.6	.5	.8	.2								2.1	6.0
NE	.9	2.0	.4									3.2	4.7
ENE	.4	1.5	.4	.3								2.5	6.3
E	1.7	1.2	.3	.1								3.2	4.0
ESE	.8	.6	.4									1.8	4.3
SE	.9	.6	.3	.1								1.9	4.4
SSE	.7	2.5	.5									3.7	4.8
S	1.9	2.3	1.0	.3								5.5	4.9
SSW	1.4	1.3	.7	.4								3.7	5.6
SW	.7	1.7	1.0	.2	.1							3.6	5.8
WSW	.9	1.4	1.4	.3								3.9	6.2
W	1.4	3.2	4.0	2.6	.5	.2						11.9	8.8
WNW	1.2	2.5	3.9	5.1	.3							13.0	9.4
NW	1.9	2.2	5.5	3.2	.6	.1						13.4	8.9
NNW	.9	2.0	2.0	.9	.2							5.9	7.5
VARBL													
CALM												16.7	
	16.8	27.1	23.5	14.0	1.7	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	1.1									3.2	5.1
NNE	.6	.6	.3	.1								1.6	5.1
NE	1.0	1.0	.3	.2								2.6	5.1
ENE	.6	.8	.1	.2								1.7	5.1
E	1.2	.7	.2	.2								2.3	4.7
ESE	.9	.6										1.4	3.1
SE	1.0	.3	.1	.1								1.6	4.0
SSE	.8	1.3										2.1	3.8
S	2.6	.8	.3									3.7	3.4
SSW	.4	.7	.3									1.4	5.3
SW	.7	.7	.3									1.7	4.4
WSW	.6	1.2	.4		.2	.1						2.6	7.1
W	2.0	1.9	2.8	1.6								8.2	7.1
WNW	.9	2.7	3.6	2.3	.2							9.7	8.3
NW	.8	2.1	2.6	1.1	.1							6.7	7.5
NNW	.8	1.1	.9	.6								3.3	6.8
VARBL													
CALM												46.3	
	16.0	17.1	13.4	6.4	.6	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	.8									3.9	4.7
NNE	.6	.2	.6									1.3	5.8
NE	1.0	1.6		.1								2.7	4.2
ENE	.7	1.1	.2	.1								2.1	4.7
E	.7	1.3	.2									2.2	4.1
ESE	.3	.1	.1									.6	4.0
SE	.3	.2	.3	.2								1.1	6.8
SSE	.2	.3	.1									.7	4.8
S	.8	.8	.1	.1								1.8	4.5
SSW	.7	.7	.4	.1								1.9	5.1
SW	.8	1.1	.6									2.4	4.9
WSW	.4	.7	.6		.1							1.8	6.7
W	1.7	2.3	2.3	1.2	.1	.1						7.8	7.3
WNW	.8	1.8	3.0	1.6	.2							7.3	8.4
NW	.7	1.3	3.4	1.0	.1							6.6	8.3
NNW	1.0	.8	1.1	.3								3.2	6.4
VARBL													
CALM												52.7	
	11.9	16.1	13.9	4.8	.6	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-70
YEARS

ALL
MONTH

INSTRUMENT

ALL
HOURS (L & T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.1	.2								4.5	5.3
NNE	1.1	1.7	1.0	.2	.0							3.9	5.3
NE	1.4	4.0	2.6	.7	.1							8.8	6.3
ENE	1.2	3.5	3.2	1.1	.1	.0						9.1	7.0
E	2.1	4.6	3.5	1.0	.7							11.4	6.4
ESE	.9	1.5	.8	.2								3.4	5.5
SE	.9	1.2	.7	.1								3.0	5.3
SSE	.7	1.2	.8	.1								2.9	5.6
S	1.9	2.2	1.0	.2								5.3	5.0
SSW	.8	1.2	.6	.1								2.7	5.1
SW	.9	.8	.6	.1								2.4	5.3
WSW	.8	.5	.4	.1	.0							1.8	4.9
W	1.0	.9	.5	.2	.1	.0	.0					2.7	6.3
WNW	.5	.5	.5	.3	.0	.0						1.7	6.7
NW	.5	1.0	.7	.3	.0							2.6	6.7
NNW	.6	.9	.7	.3	.1							2.5	6.5
VARBL													
CALM												31.3	
	16.6	27.8	18.5	5.1	.6	.1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 8635

DATA PROCESSING DIVISION
EIAF/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
1500																
1000					91.0											92.6
700																
500										97.4						98.1
300																
200																
100																
0					95.4		96.9		98.3							100.0

EXAMPLE # 1 Read ceiling values independentl of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independentl of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

C

DISREGARD FIRST COLUMN \geq 10 MILES VISIBILITY FOR THIS SUMMARY.

C

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-79

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	49.0	52.3	53.9	54.9	55.1	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.9	55.9	56.0	
≥ 20000	54.2	58.1	60.0	61.2	61.4	61.8	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.4	62.5	
IV 18000	54.3	58.2	60.0	61.2	61.5	61.8	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.4	62.5	
IV 16000	54.3	58.2	60.1	61.2	61.5	61.9	62.0	62.1	62.2	62.3	62.3	62.4	62.4	62.5	62.5	
IV 14000	54.9	58.8	60.7	61.9	62.1	62.5	62.7	62.7	62.9	62.9	62.9	63.0	63.0	63.1	63.2	
IV 12000	57.2	61.3	63.3	64.6	64.9	65.2	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.9	66.0	
IV 10000	60.7	63.2	67.5	68.9	69.2	69.6	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.5	
IV 9000	61.5	66.1	68.4	69.8	70.2	70.6	70.8	70.9	71.1	71.1	71.1	71.2	71.3	71.3	71.4	
IV 8000	63.6	68.7	71.2	72.7	73.1	73.6	73.8	73.9	74.1	74.2	74.2	74.3	74.3	74.4	74.5	
IV 7000	65.3	70.4	73.1	74.6	75.0	75.5	75.8	75.8	76.0	76.1	76.2	76.3	76.3	76.4	76.5	
IV 6000	66.7	72.0	74.7	76.4	76.8	77.3	77.6	77.7	77.9	78.0	78.0	78.1	78.2	78.2	78.3	
IV 5000	69.0	74.5	77.4	79.2	79.7	80.3	80.3	80.6	80.9	81.0	81.0	81.1	81.1	81.2	81.3	
IV 4500	69.8	75.5	78.4	80.2	80.7	81.3	81.6	81.7	81.9	82.0	82.1	82.2	82.2	82.3	82.4	
IV 4000	71.7	77.7	80.9	82.8	83.4	84.0	84.3	84.4	84.5	84.8	84.8	84.9	84.9	85.0	85.1	
IV 3500	72.4	78.4	81.7	83.8	84.3	85.0	85.3	85.4	85.6	85.8	85.8	85.9	85.9	86.0	86.1	
IV 3000	73.3	79.5	82.9	85.0	85.6	86.3	86.6	86.7	87.0	87.1	87.1	87.2	87.3	87.4	87.5	
IV 2500	73.8	80.1	83.6	85.8	86.4	87.2	87.5	87.6	87.9	88.1	88.1	88.2	88.2	88.3	88.4	
IV 2000	74.5	81.0	84.6	86.9	87.6	88.4	88.7	88.8	89.2	89.3	89.3	89.5	89.5	89.6	89.7	
IV 1800	74.6	81.1	84.8	87.2	87.8	88.6	89.0	89.1	89.5	89.6	89.6	89.7	89.8	89.9	90.0	
IV 1600	74.9	81.6	85.4	87.8	88.3	89.4	89.8	89.9	90.3	90.5	90.5	90.6	90.6	90.7	90.9	
IV 1400	75.3	82.0	85.9	88.5	89.3	90.3	90.8	90.9	91.3	91.4	91.5	91.6	91.6	91.7	91.9	
IV 1200	75.4	82.3	86.4	89.1	90.0	91.1	91.6	91.7	92.2	92.4	92.4	92.6	92.6	92.7	92.8	
IV 1000	75.5	82.4	86.6	89.4	90.3	91.5	92.0	92.2	92.7	92.9	92.9	93.1	93.1	93.2	93.4	
IV 900	75.6	82.6	86.8	89.7	90.7	92.0	92.6	92.7	93.3	93.5	93.6	93.8	93.8	93.9	94.0	
IV 800	75.7	82.7	87.0	90.1	91.1	92.4	93.1	93.3	93.9	94.2	94.3	94.5	94.5	94.7	94.8	
IV 700	75.7	82.8	87.2	90.4	91.4	92.9	93.7	93.9	94.6	94.9	95.0	95.2	95.3	95.4	95.6	
IV 600	75.8	82.9	87.4	90.7	91.8	93.4	94.3	94.6	95.4	95.7	95.9	96.3	96.4	96.5	96.7	
IV 500	75.8	82.9	87.5	90.8	92.0	93.8	94.7	95.1	96.0	96.6	96.7	97.1	97.3	97.5	97.6	
IV 400	75.8	83.0	87.5	90.9	92.1	94.0	95.0	95.4	96.4	97.1	97.3	97.8	98.0	98.3	98.3	
IV 300	75.8	83.0	87.5	90.9	92.2	94.0	95.1	95.5	96.6	97.4	97.6	98.2	98.5	98.9	99.2	
IV 200	75.8	83.0	87.5	90.9	92.2	94.0	95.1	95.5	96.6	97.4	97.6	98.3	98.7	99.1	99.7	
IV 100	75.8	83.0	87.5	91.0	92.2	94.0	95.1	95.5	96.6	97.4	97.6	98.3	98.7	99.2	100.0	
IV 0	75.8	83.0	87.5	91.0	92.2	94.0	95.1	95.5	96.6	97.4	97.6	98.3	98.7	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS. 82772

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		49.8	52.0	52.8	53.0	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000		54.6	57.4	58.3	58.6	58.6	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000		54.7	57.4	58.4	58.7	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
≥ 14000		55.7	58.4	59.4	59.7	59.7	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000		58.0	60.9	61.9	62.2	62.3	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000		61.2	64.5	65.6	66.0	66.1	66.5	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000		61.8	65.2	66.3	66.8	66.9	67.2	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000		64.2	67.9	69.1	69.7	69.8	70.2	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000		65.9	69.6	71.0	71.6	71.7	72.2	72.6	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0
≥ 6000		68.1	72.1	73.6	74.3	74.4	75.0	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8
≥ 5000		70.5	74.8	76.4	77.3	77.4	78.0	78.4	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500		71.2	75.6	77.3	78.1	78.3	78.9	79.4	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8
≥ 4000		72.8	77.5	79.4	80.4	80.7	81.3	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		73.4	78.2	80.2	81.3	81.6	82.3	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000		74.5	79.6	81.7	82.9	83.1	83.9	84.4	84.4	84.6	84.8	84.8	84.8	84.9	84.9	84.9
≥ 2500		75.2	80.5	82.7	83.9	84.2	85.0	85.5	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0
≥ 2000		75.7	81.1	83.5	84.8	85.2	86.0	86.6	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2
≥ 1800		75.8	81.2	83.6	84.9	85.3	86.1	86.7	86.8	87.1	87.3	87.3	87.3	87.4	87.4	87.4
≥ 1500		75.9	81.4	84.0	85.3	85.7	86.6	87.2	87.3	87.6	87.9	87.9	87.9	88.0	88.0	88.0
≥ 1200		76.2	81.8	84.4	85.9	86.2	87.2	87.9	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.8
≥ 1000		76.3	82.0	84.6	86.3	86.7	87.8	88.5	88.7	89.2	89.5	89.5	89.6	89.7	89.7	89.7
≥ 900		76.3	82.1	84.8	86.5	87.0	88.4	89.0	89.1	89.6	90.0	90.0	90.2	90.3	90.3	90.3
≥ 800		76.4	82.1	85.0	86.8	87.3	88.6	89.4	89.6	90.1	90.5	90.6	90.8	90.8	90.9	90.9
≥ 700		76.5	82.4	85.2	87.2	87.8	89.1	89.9	90.2	90.7	91.2	91.3	91.6	91.6	91.7	91.7
≥ 600		75.5	82.5	85.4	87.5	88.2	89.6	90.4	90.7	91.4	92.0	92.1	92.4	92.4	92.7	92.7
≥ 500		76.6	82.6	85.5	87.8	88.4	90.1	91.1	91.4	92.2	92.9	93.0	93.4	93.5	93.9	93.9
≥ 400		76.6	82.6	85.7	88.1	88.8	90.7	91.7	92.1	93.1	94.1	94.2	94.7	94.9	95.3	95.4
≥ 300		76.6	82.6	85.8	88.3	89.0	90.9	92.1	92.6	93.7	95.0	95.1	95.9	96.1	96.6	96.7
≥ 200		76.6	82.6	85.8	88.3	89.0	91.0	92.2	92.7	94.0	95.3	95.6	96.7	97.2	97.9	98.4
≥ 100		76.6	82.6	85.8	88.3	89.0	91.0	92.2	92.7	94.0	95.3	95.6	96.8	97.5	98.3	99.7
≥ 0		76.6	82.6	85.8	88.3	89.0	91.0	92.2	92.7	94.0	95.3	95.6	96.8	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7192

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

1 FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.3 51.1	46.3 52.4	47.3 53.7	47.6 54.2	47.8 54.4	47.9 54.5	48.0 54.6	48.1 54.6	48.1 54.7	48.1 54.7	48.1 54.7	48.2 54.8	48.2 54.8	48.2 54.8	48.2 54.9
IV 18000 16000	51.2 51.4	52.5 52.7	53.8 54.0	54.3 54.5	54.5 54.7	54.6 54.8	54.7 54.9	54.7 55.0	54.8 55.0	54.8 55.1	54.8 55.1	54.8 55.1	54.8 55.1	54.9 55.1	54.9 55.2
IV 14000 12000	52.1 53.9	53.4 55.3	54.7 56.6	55.2 57.1	55.4 57.3	55.5 57.4	55.6 57.5	55.7 57.6	55.7 57.7	55.8 57.7	55.8 57.7	55.8 57.7	55.8 57.7	55.8 57.8	55.9 57.8
IV 10000 9000	57.5 58.4	59.2 60.1	60.6 61.6	61.2 62.2	61.5 62.4	61.5 62.5	61.7 62.6	61.7 62.6	61.8 62.7	61.9 62.8	61.9 62.8	61.9 62.8	61.9 62.8	61.9 62.9	62.0 62.9
IV 8000 7000	61.2 62.9	63.2 65.1	64.8 66.7	65.4 67.4	65.6 67.6	65.7 67.6	65.8 67.8	65.9 67.8	65.9 67.9	66.0 68.0	66.0 68.0	66.0 68.0	66.0 68.0	66.1 68.1	66.1 68.1
IV 6000 5000	64.7 67.8	67.0 70.4	68.7 72.5	69.4 73.6	69.7 73.9	69.8 74.1	69.9 74.2	70.0 74.3	70.1 74.4	70.2 74.5	70.2 74.5	70.2 74.6	70.2 74.6	70.3 74.7	70.4 74.7
IV 4500 4000	68.9 70.8	71.6 73.8	73.9 76.5	75.0 77.7	75.3 78.1	75.5 78.3	75.6 78.6	75.7 78.7	75.8 78.8	75.9 78.9	76.0 78.9	76.0 78.9	76.0 78.9	76.1 79.0	76.2 79.1
IV 3500 3000	71.4 71.8	74.5 75.4	77.4 78.3	78.7 79.8	79.1 80.3	79.3 80.6	79.6 80.9	79.7 81.0	79.8 81.1	79.9 81.2	79.9 81.2	80.0 81.3	80.0 81.3	80.1 81.4	80.2 81.5
IV 2500 2000	72.3 72.8	76.0 76.6	79.1 79.7	80.7 81.4	81.2 82.1	81.5 82.5	81.9 82.8	82.0 82.9	82.1 83.1	82.2 83.2	82.2 83.2	82.3 83.3	82.3 83.3	82.4 83.4	82.5 83.5
IV 1800 1500	72.9 73.3	76.7 77.3	79.9 80.7	81.6 82.6	82.2 83.3	82.7 83.9	83.0 84.2	83.1 84.4	83.3 84.6	83.4 84.8	83.5 84.9	83.5 84.9	83.5 84.9	83.6 85.0	83.7 85.1
IV 1200 1000	73.5 73.7	77.7 78.0	81.1 81.4	83.2 83.7	83.9 84.4	84.8 85.4	85.2 86.1	85.3 86.3	85.7 86.7	85.9 87.0	85.9 87.1	86.0 87.2	86.0 87.2	86.1 87.3	86.2 87.5
IV 900 800	73.8 73.8	78.1 78.2	81.6 81.7	83.9 84.3	84.8 85.4	86.0 86.7	86.6 87.5	86.8 87.7	87.4 88.4	87.8 89.0	87.9 89.1	88.0 89.4	88.0 89.4	88.1 89.6	88.3 89.6
IV 700 600	73.9 74.0	78.2 78.4	81.9 82.1	84.5 84.9	85.7 86.1	87.2 87.7	88.1 88.8	88.4 89.0	89.2 89.9	89.9 90.8	90.0 90.8	90.3 91.2	90.4 91.4	90.5 91.6	90.6 91.7
IV 500 400	74.0 74.0	78.5 78.6	82.4 82.5	85.2 85.4	86.6 86.8	88.4 88.8	89.5 90.1	89.9 90.5	91.1 91.9	92.2 93.1	92.3 93.3	93.1 94.3	93.3 94.5	93.6 95.0	93.7 95.1
IV 300 200	74.1 74.1	78.6 78.6	82.6 82.6	85.5 85.6	86.9 86.9	89.0 89.1	90.5 90.6	91.0 91.1	92.6 92.9	94.1 94.6	94.3 94.9	95.5 96.3	95.9 96.9	96.5 97.8	96.7 98.1
IV 100 0	74.1 74.1	78.6 78.6	82.6 82.6	85.6 85.6	86.9 86.9	89.1 89.1	90.6 90.6	91.1 91.1	92.9 92.9	94.7 94.7	95.0 95.0	96.5 96.6	97.1 97.2	98.2 98.3	99.4 100.0

TOTAL NUMBER OF OBSERVATIONS 6546

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.6	53.0	53.3	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 18000 IV 16000	56.9	58.5	59.0	59.2	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 14000 IV 12000	57.0	58.6	59.1	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000 IV 9000	57.7	59.3	59.9	60.1	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
IV 8000 IV 7000	59.1	60.8	61.4	61.6	61.8	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3
IV 6000 IV 5000	61.8	63.6	64.3	64.5	64.8	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3
IV 4500 IV 4000	62.8	64.7	65.3	65.6	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.4
IV 3500 IV 3000	65.3	67.3	68.0	68.3	68.3	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2
IV 2500 IV 2000	66.8	69.0	69.8	70.2	70.5	70.7	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3
IV 1800 IV 1500	68.4	70.7	71.6	72.1	72.4	72.6	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.3	73.3
IV 1200 IV 1000	71.4	73.9	75.0	75.6	75.9	76.1	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8
IV 900 IV 800	72.6	75.3	76.4	77.0	77.4	77.6	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.3
IV 700 IV 600	74.7	77.7	79.0	79.7	80.0	80.2	80.5	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9
IV 500 IV 400	75.3	78.4	79.7	80.5	80.8	81.1	81.3	81.4	81.6	81.6	81.7	81.7	81.8	81.8	81.8
IV 300 IV 200	76.2	79.4	80.8	81.6	82.0	82.3	82.6	82.7	82.9	82.9	82.9	83.0	83.1	83.1	83.1
IV 100 IV 0	76.6	80.0	81.5	82.4	82.8	83.1	83.4	83.5	83.8	83.8	83.8	83.9	83.9	83.9	84.0
	77.3	80.9	82.5	83.4	83.9	84.2	84.5	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.1
	77.5	81.1	82.8	83.8	84.2	84.6	84.9	85.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4
	77.9	81.5	83.4	84.6	85.1	85.5	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.5
	78.3	82.1	84.2	85.5	86.0	86.5	87.0	87.1	87.4	87.4	87.5	87.6	87.6	87.6	87.7
	78.4	82.5	84.7	86.2	86.8	87.4	87.9	88.0	88.4	88.4	88.5	88.6	88.6	88.7	88.7
	78.5	82.6	84.9	86.4	87.0	87.7	88.3	88.5	88.8	88.9	88.9	89.2	89.2	89.2	89.2
	78.5	82.8	85.1	86.8	87.5	88.3	88.9	89.1	89.5	89.6	89.6	89.9	89.9	89.9	90.0
	78.6	82.9	85.4	87.2	88.0	89.0	89.8	90.1	90.6	90.7	90.7	91.0	91.0	91.1	91.1
	78.7	83.1	85.6	87.6	88.5	89.6	90.6	90.9	91.5	91.8	91.8	92.2	92.3	92.3	92.4
	78.7	83.2	85.9	88.0	89.1	90.2	91.4	91.8	92.8	93.2	93.3	93.8	93.9	94.0	94.1
	78.7	83.2	86.1	88.3	89.5	90.9	92.2	92.7	94.0	94.6	94.9	95.5	95.7	95.8	95.9
	78.7	83.2	86.1	88.4	89.7	91.2	92.7	93.3	94.9	95.6	96.0	96.8	97.2	97.4	97.6
	78.7	83.2	86.2	88.4	89.7	91.3	92.9	93.5	95.3	96.2	96.6	97.9	98.4	98.8	99.1
	78.7	83.2	86.2	88.4	89.7	91.3	92.9	93.5	95.3	96.3	96.7	98.2	98.7	99.2	99.6
	78.7	83.2	86.2	88.4	89.7	91.3	92.9	93.5	95.3	96.3	96.7	98.2	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	49.5 55.1	50.4 56.3	51.1 57.1	51.3 57.3	51.5 57.5	51.6 57.6	51.7 57.7	51.7 57.7	51.7 57.7	51.7 57.7	51.7 57.7	51.7 57.8	51.8 57.8	51.8 57.8	51.9 58.0	
IV 18000 16000	55.2 55.2	56.4 56.4	57.1 57.1	57.4 57.4	57.6 57.6	57.7 57.7	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.8 57.8	57.9 57.9	57.9 57.9	58.0 58.0	
IV 14000 12000	55.9 58.3	57.1 59.7	57.9 60.5	58.1 60.7	58.3 60.9	58.4 61.0	58.5 61.1	58.5 61.1	58.5 61.1	58.5 61.1	58.5 61.1	58.6 61.2	58.6 61.2	58.6 61.2	58.7 61.4	
IV 10000 9000	62.5 63.2	63.9 64.8	64.7 65.7	65.0 66.0	65.2 66.2	65.3 66.3	65.4 66.4	65.4 66.5	65.4 66.5	65.4 66.5	65.4 66.5	65.5 66.6	65.5 66.6	65.6 66.6	65.7 66.8	
IV 8000 7000	65.8 67.9	67.8 70.2	68.9 71.2	69.3 71.7	69.5 71.9	69.6 72.1	69.8 72.2	69.8 72.2	69.8 72.3	69.8 72.3	69.8 72.3	69.9 72.4	70.0 72.4	70.0 72.5	70.1 72.6	
IV 6000 5000	70.0 73.4	72.5 76.3	73.8 77.7	74.2 78.3	74.5 78.3	74.6 78.7	74.8 78.9	74.8 78.9	74.8 79.0	74.9 79.0	74.9 79.0	75.0 79.1	75.0 79.1	75.1 79.2	75.2 79.3	
IV 4500 4000	74.4 78.0	77.5 81.2	79.0 82.8	79.6 83.5	79.9 83.8	80.0 84.0	80.2 84.2	80.2 84.2	80.3 84.3	80.3 84.3	80.3 84.3	80.4 84.4	80.5 84.4	80.5 84.5	80.7 84.7	
IV 3500 3000	78.5 79.1	81.8 82.6	83.4 84.3	84.2 85.1	84.5 85.5	84.7 85.7	84.9 85.9	84.9 86.0	85.0 86.0	85.0 86.1	85.0 86.1	85.1 86.2	85.2 86.2	85.2 86.3	85.4 86.4	
IV 2500 2000	79.4 80.0	83.1 83.9	84.9 85.8	85.8 86.7	86.1 87.0	86.4 87.3	86.6 87.6	86.6 87.7	86.7 87.7	86.7 87.8	86.7 87.8	86.8 87.9	86.9 87.9	86.9 88.0	87.1 88.1	
IV 1800 1500	80.1 80.5	84.0 84.5	85.9 86.5	86.9 87.5	87.2 87.9	87.6 88.2	87.8 88.5	87.9 88.6	87.9 88.6	88.0 88.6	88.0 88.7	88.1 88.8	88.2 88.9	88.2 88.9	88.4 89.1	
IV 1200 1000	81.0 81.3	85.3 85.7	87.4 88.0	88.5 89.3	89.0 90.1	89.5 90.6	89.8 90.9	89.9 91.0	90.0 91.1	90.0 91.2	90.1 91.2	90.2 91.3	90.3 91.4	90.3 91.4	90.4 91.5	
IV 900 800	81.3 81.5	85.9 86.0	88.4 88.6	89.8 90.2	90.6 91.2	91.3 92.0	91.7 92.4	91.9 92.6	91.9 92.7	91.9 92.8	92.0 92.8	92.0 93.0	92.1 93.0	92.1 93.1	92.3 93.2	
IV 700 600	81.6 81.7	86.2 86.4	89.1 89.5	90.8 91.4	91.8 92.4	92.0 93.7	93.2 94.3	93.4 94.5	93.6 94.8	93.6 94.8	93.7 94.9	93.8 95.0	93.9 95.1	93.9 95.1	94.0 95.3	
IV 500 400	81.8 81.8	86.6 86.7	89.8 89.9	92.0 92.2	93.1 93.3	94.7 95.2	95.4 95.9	95.7 96.4	96.1 96.8	96.2 97.1	96.3 97.2	96.4 97.5	96.5 97.8	96.6 97.8	96.7 98.0	
IV 300 200	81.8 81.8	86.7 86.7	90.0 90.0	92.3 92.3	93.5 93.5	95.4 95.5	96.2 96.3	96.6 96.8	97.3 97.7	97.8 98.3	97.9 98.4	98.3 98.9	98.5 99.2	98.6 99.3	98.7 99.5	
IV 100 0	81.8 81.8	86.7 86.7	90.0 90.0	92.3 92.3	93.5 93.5	95.5 95.5	96.3 96.3	96.8 96.8	97.7 97.7	98.3 98.3	98.5 98.5	99.1 99.1	99.3 99.3	99.5 99.5	99.8 100.0	

TOTAL NUMBER OF OBSERVATIONS 6885

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.1	52.1	53.1	53.6	53.8	54.0	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.4	54.4
≥ 20000		55.6	57.9	59.0	59.5	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5
≥ 18000		55.6	57.9	59.0	59.5	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5
≥ 16000		55.6	57.9	59.0	59.5	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5
≥ 14000		56.1	58.4	59.5	60.1	60.2	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	61.0
≥ 12000		58.1	60.5	61.6	62.2	62.4	62.7	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.1	63.2
≥ 10000		62.1	64.7	66.2	66.8	67.0	67.4	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.9	68.0
≥ 9000		63.4	66.2	67.7	68.4	68.6	69.0	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.5
≥ 8000		66.2	69.3	70.9	71.6	71.8	72.3	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.9
≥ 7000		67.9	71.3	73.0	73.9	74.1	74.6	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.2
≥ 6000		69.3	72.9	74.8	75.7	76.0	76.4	76.6	76.7	76.8	76.9	76.9	76.9	76.9	77.0	77.1
≥ 5000		72.3	76.1	78.3	79.3	79.7	80.1	80.3	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.9
≥ 4500		73.3	77.2	79.4	80.5	80.8	81.3	81.6	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.2
≥ 4000		75.8	79.9	82.3	83.5	83.9	84.4	84.7	84.8	84.9	85.0	85.0	85.1	85.1	85.2	85.3
≥ 3500		76.6	80.8	83.2	84.5	84.8	85.4	85.6	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.3
≥ 3000		77.5	81.8	84.3	85.6	85.9	86.5	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.4
≥ 2500		78.2	82.6	85.2	86.5	86.9	87.5	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.3	88.4
≥ 2000		79.3	83.9	86.7	88.1	88.6	89.2	89.5	89.6	89.8	89.9	89.9	89.9	90.0	90.1	90.2
≥ 1800		79.6	84.2	87.0	88.4	88.9	89.6	89.9	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.6
≥ 1500		80.0	84.7	87.5	89.1	89.6	90.4	90.7	90.8	91.0	91.1	91.1	91.1	91.2	91.3	91.4
≥ 1200		80.3	85.1	88.1	89.8	90.4	91.2	91.5	91.6	91.9	91.9	92.0	92.0	92.1	92.2	92.3
≥ 1000		80.7	85.8	88.8	90.6	91.2	92.1	92.5	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.4
≥ 900		80.8	85.9	89.0	90.9	91.5	92.5	92.9	93.0	93.4	93.5	93.5	93.6	93.6	93.7	93.8
≥ 800		81.0	86.3	89.5	91.5	92.2	93.3	93.8	93.9	94.3	94.4	94.4	94.5	94.5	94.7	94.8
≥ 700		81.1	86.5	89.7	91.8	92.5	93.7	94.3	94.4	94.9	95.1	95.1	95.2	95.2	95.4	95.5
≥ 600		81.2	86.6	90.0	92.2	93.0	94.2	94.9	95.0	95.6	95.8	95.8	95.9	96.0	96.1	96.2
≥ 500		81.4	86.9	90.3	92.7	93.6	94.9	95.7	95.9	96.7	97.0	97.0	97.3	97.3	97.4	97.5
≥ 400		81.4	87.0	90.5	93.0	93.9	95.2	96.1	96.3	97.2	97.6	97.7	98.0	98.0	98.1	98.3
≥ 300		81.4	87.0	90.6	93.1	94.0	95.5	96.5	96.7	97.7	98.2	98.3	98.7	98.7	98.9	99.0
≥ 200		81.4	87.0	90.6	93.1	94.0	95.6	96.5	96.8	97.8	98.3	98.4	99.0	99.1	99.4	99.6
≥ 100		81.4	87.0	90.6	93.1	94.0	95.6	96.5	96.8	97.8	98.3	98.4	99.0	99.2	99.7	99.9
≥ 0		81.4	87.0	90.6	93.1	94.0	95.6	96.5	96.8	97.8	98.3	98.4	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6946

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (CST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	50.5	55.2	57.6	59.3	59.6	60.0	60.2	60.2	60.3	60.6	60.6	60.7	60.7	60.7	60.8	
IV 18000 16000	57.1	62.5	65.2	67.2	67.6	68.0	68.2	68.2	68.3	68.6	68.6	68.7	68.7	68.8	69.0	
IV 14000 12000	57.2	62.6	65.3	67.2	67.7	68.1	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.9	69.1	
IV 10000 9000	57.8	63.3	66.0	68.0	68.4	68.8	69.0	69.0	69.3	69.4	69.4	69.5	69.6	69.6	69.8	
IV 8000 7000	60.2	65.8	68.6	70.6	71.0	71.4	71.6	71.7	71.9	72.1	72.1	72.2	72.2	72.3	72.5	
IV 6000 5000	63.4	69.5	72.6	74.7	75.2	75.6	75.8	75.9	76.2	76.3	76.3	76.4	76.4	76.5	76.7	
IV 4500 4000	64.1	70.4	73.5	75.6	76.1	76.6	76.8	76.8	77.1	77.2	77.3	77.4	77.4	77.5	77.7	
IV 3500 3000	66.1	72.7	75.9	78.1	78.6	79.1	79.3	79.4	79.6	79.8	79.8	79.9	79.9	80.0	80.2	
IV 2500 2000	67.5	74.2	77.5	79.8	80.3	80.8	81.0	81.1	81.4	81.5	81.6	81.7	81.7	81.8	82.0	
IV 1800 1500	68.2	75.1	78.5	81.0	81.5	82.1	82.3	82.4	82.7	82.8	82.9	83.0	83.0	83.1	83.3	
IV 1200 1000	69.8	77.1	80.7	83.4	83.9	84.5	84.7	84.8	85.1	85.3	85.3	85.5	85.5	85.6	85.8	
IV 900 800	70.5	77.9	81.5	84.2	84.8	85.4	85.6	85.7	86.0	86.3	86.3	86.4	86.4	86.5	86.7	
IV 700 600	72.6	80.3	84.2	87.1	87.8	88.5	88.8	88.8	89.2	89.4	89.4	89.6	89.6	89.7	89.9	
IV 500 400	73.3	81.0	85.0	87.9	88.6	89.3	89.6	89.7	90.0	90.3	90.3	90.4	90.4	90.5	90.7	
IV 300 200	74.1	82.0	85.9	88.9	89.6	90.3	90.6	90.7	91.1	91.3	91.3	91.4	91.5	91.6	91.7	
IV 100 0	74.5	82.5	86.7	89.9	90.6	91.4	91.7	91.8	92.1	92.4	92.4	92.5	92.5	92.6	92.8	
	74.9	83.0	87.3	90.5	91.3	92.1	92.4	92.5	92.9	93.1	93.1	93.2	93.2	93.3	93.5	
	75.0	83.1	87.6	90.8	91.7	92.5	92.8	92.9	93.2	93.5	93.5	93.6	93.6	93.7	93.9	
	75.4	83.7	88.3	91.6	92.6	93.6	94.0	94.0	94.5	94.7	94.7	94.8	94.8	95.0	95.1	
	75.6	83.9	88.7	92.2	93.4	94.4	94.8	94.9	95.3	95.6	95.6	95.7	95.7	95.8	96.0	
	75.7	84.2	89.0	92.7	93.9	95.0	95.4	95.5	95.9	96.1	96.1	96.2	96.3	96.4	96.6	
	75.8	84.3	89.3	93.0	94.2	95.4	95.8	95.9	96.4	96.6	96.6	96.7	96.8	96.9	97.1	
	75.6	84.4	89.5	93.3	94.5	95.8	96.3	96.4	96.8	97.0	97.1	97.2	97.2	97.3	97.5	
	75.9	84.5	89.6	93.6	94.8	96.1	96.7	96.8	97.3	97.5	97.5	97.7	97.7	97.8	98.0	
	76.0	84.6	89.9	93.9	95.3	96.7	97.2	97.4	97.9	98.1	98.2	98.3	98.3	98.4	98.6	
	76.1	84.7	90.1	94.3	95.7	97.1	97.8	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.3	
	76.1	84.8	90.2	94.4	95.8	97.3	98.0	98.1	98.7	99.0	99.0	99.2	99.3	99.4	99.6	
	76.1	84.9	90.2	94.4	95.8	97.4	98.1	98.2	98.8	99.1	99.1	99.4	99.4	99.5	99.7	
	76.1	84.9	90.2	94.4	95.8	97.4	98.1	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.8	
	76.1	84.9	90.2	94.4	95.8	97.4	98.1	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.9	
	76.1	84.9	90.2	94.4	95.8	97.4	98.1	98.2	98.8	99.1	99.2	99.4	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 6931

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.6	52.2	55.2	57.4	58.1	58.4	58.6	58.8	59.0	59.1	59.1	59.1	59.2	59.2	59.4
IV 18000	53.3	60.1	63.6	66.1	66.9	67.3	67.6	67.7	68.0	68.0	68.1	68.1	68.2	68.2	68.4
IV 16000	53.3	60.1	63.6	66.2	67.0	67.4	67.6	67.7	68.0	68.1	68.1	68.2	68.2	68.3	68.4
IV 14000	53.6	60.5	64.0	66.5	67.3	67.7	68.0	68.1	68.4	68.4	68.5	68.6	68.6	68.7	68.8
IV 12000	56.4	63.8	67.7	70.4	71.2	71.6	71.9	72.0	72.3	72.4	72.5	72.6	72.6	72.7	72.8
IV 10000	61.1	59.2	73.7	76.6	77.6	78.1	78.4	78.6	79.0	79.1	79.1	79.2	79.3	79.3	79.5
IV 9000	61.7	69.9	74.5	77.4	78.4	79.0	79.3	79.5	79.9	80.0	80.0	80.1	80.2	80.2	80.4
IV 8000	63.3	72.0	76.9	79.9	81.0	81.7	82.0	82.1	82.6	82.7	82.7	82.9	82.9	83.0	83.1
IV 7000	64.0	73.0	78.1	81.3	82.4	83.1	83.4	83.6	84.0	84.2	84.2	84.3	84.3	84.4	84.6
IV 6000	64.5	73.6	78.8	82.1	83.3	83.9	84.2	84.4	84.9	85.1	85.1	85.2	85.2	85.3	85.5
IV 5000	65.8	74.9	80.3	83.7	84.9	85.0	86.1	86.3	86.8	87.0	87.0	87.1	87.2	87.2	87.4
IV 4500	66.1	75.3	80.7	84.2	85.4	86.3	86.7	86.9	87.4	87.6	87.6	87.7	87.7	87.8	88.0
IV 4000	66.7	76.1	81.8	85.7	87.1	88.0	88.4	88.6	89.2	89.4	89.5	89.6	89.6	89.7	89.9
IV 3500	67.2	76.6	82.4	86.3	87.8	88.7	89.1	89.4	90.0	90.2	90.2	90.3	90.4	90.5	90.6
IV 3000	67.8	77.4	83.5	87.6	89.2	90.1	90.5	90.9	91.0	91.8	91.8	91.9	92.0	92.0	92.2
IV 2000	68.8	78.6	83.0	89.3	91.0	92.1	92.6	92.8	93.6	93.8	93.8	94.0	94.0	94.1	94.2
IV 1800	69.0	78.8	85.3	89.6	91.4	92.5	93.0	93.2	94.0	94.2	94.3	94.4	94.4	94.5	94.7
IV 1500	69.2	79.2	85.8	90.2	92.0	93.2	93.7	94.0	94.7	95.0	95.0	95.1	95.2	95.3	95.4
IV 1200	69.6	79.8	86.6	91.1	93.0	94.4	94.9	95.2	95.9	96.2	96.2	96.3	96.4	96.4	96.6
IV 1000	69.9	80.1	87.0	91.6	93.7	95.2	95.7	96.0	96.8	97.1	97.1	97.2	97.3	97.3	97.3
IV 900	70.0	80.2	87.1	91.8	94.0	95.4	96.0	96.3	97.1	97.3	97.4	97.5	97.5	97.6	97.8
IV 800	70.1	80.4	87.3	92.1	94.4	95.9	96.5	96.8	97.7	97.9	98.0	98.1	98.1	98.2	98.4
IV 700	70.1	80.5	87.4	92.3	94.5	96.2	96.8	97.1	98.0	98.2	98.3	98.4	98.4	98.5	98.7
IV 600	70.1	80.5	87.4	92.4	94.6	96.3	96.9	97.3	98.2	98.5	98.5	98.6	98.7	98.8	99.0
IV 500	70.1	80.5	87.5	92.4	94.7	96.5	97.2	97.6	98.5	98.8	98.8	99.0	99.1	99.1	99.3
IV 400	70.1	80.5	87.5	92.5	94.8	96.6	97.3	97.7	98.7	99.0	99.1	99.2	99.3	99.4	99.6
IV 300	70.1	80.5	87.5	92.5	94.9	96.6	97.3	97.7	98.7	99.1	99.1	99.3	99.4	99.4	99.6
IV 200	70.1	80.5	87.5	92.5	94.9	96.6	97.3	97.7	98.7	99.1	99.1	99.3	99.4	99.5	99.7
IV 100	70.1	80.5	87.5	92.5	94.9	96.6	97.3	97.7	98.7	99.1	99.1	99.4	99.5	99.5	99.9
IV 0	70.1	80.5	87.5	92.5	94.9	96.6	97.3	97.7	98.7	99.1	99.1	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7179

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (PT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.7	49.3	53.5	55.8	56.3	57.0	57.3	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.9
≥ 18000	50.0	57.8	62.3	65.0	65.6	66.3	66.7	66.8	67.1	67.2	67.2	67.3	67.3	67.4	67.4
≥ 16000	50.0	57.8	62.3	65.0	65.6	66.3	66.7	66.8	67.1	67.2	67.2	67.3	67.3	67.4	67.4
≥ 14000	50.1	58.0	62.6	65.3	65.9	66.6	67.0	67.1	67.4	67.3	67.3	67.3	67.3	67.4	67.4
≥ 12000	53.4	62.2	67.1	69.9	70.6	71.3	71.7	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.5
≥ 10000	57.4	67.0	72.8	76.1	76.8	77.6	78.0	78.2	78.5	78.6	78.6	78.8	78.8	78.8	78.9
≥ 9000	57.7	67.3	73.4	76.6	77.4	78.2	78.6	78.8	79.1	79.2	79.2	79.3	79.4	79.4	79.5
≥ 8000	59.9	70.1	76.5	80.0	80.8	81.7	82.2	82.3	82.7	82.8	82.8	82.9	82.9	83.0	83.1
≥ 7000	60.4	70.7	77.1	80.6	81.5	82.4	82.8	83.0	83.3	83.4	83.4	83.6	83.6	83.7	83.8
≥ 6000	60.8	71.2	77.7	81.4	82.3	83.2	83.6	83.8	84.2	84.3	84.3	84.4	84.4	84.5	84.6
≥ 5000	62.0	72.8	79.5	83.2	84.2	85.1	85.6	85.7	86.1	86.2	86.2	86.3	86.4	86.4	86.5
≥ 4500	62.5	73.3	80.1	83.9	84.8	85.8	86.2	86.4	86.7	86.8	86.8	87.0	87.0	87.0	87.1
≥ 4000	63.8	75.0	82.1	86.1	87.1	88.1	88.6	88.8	89.1	89.3	89.3	89.4	89.4	89.5	89.6
≥ 3500	64.3	75.7	83.0	87.1	88.1	89.1	89.6	89.7	90.1	90.2	90.2	90.4	90.4	90.5	90.6
≥ 3000	65.2	76.7	84.1	88.3	89.3	90.3	90.8	91.0	91.3	91.5	91.5	91.6	91.6	91.7	91.8
≥ 2500	65.7	77.3	84.8	89.1	90.1	91.2	91.7	91.9	92.3	92.4	92.4	92.5	92.6	92.6	92.7
≥ 2000	66.2	78.1	85.9	90.3	91.4	92.5	93.1	93.3	93.7	93.8	93.8	93.9	94.0	94.0	94.1
≥ 1800	66.3	78.3	86.1	90.5	91.6	92.8	93.3	93.5	93.9	94.0	94.0	94.2	94.2	94.3	94.4
≥ 1500	66.7	78.8	86.7	91.3	92.5	93.7	94.3	94.5	94.9	95.0	95.0	95.2	95.2	95.3	95.4
≥ 1200	66.8	79.1	87.1	91.8	92.9	94.2	94.9	95.1	95.5	95.7	95.7	95.8	95.9	95.9	96.0
≥ 1000	67.0	79.3	87.5	92.3	93.5	94.8	95.5	95.7	96.3	96.6	96.6	96.7	96.7	96.8	96.9
≥ 900	67.0	79.4	87.7	92.5	93.7	95.2	95.9	96.1	96.7	97.0	97.0	97.1	97.1	97.2	97.3
≥ 800	67.0	79.4	87.8	92.7	93.9	95.5	96.2	96.5	97.0	97.3	97.3	97.5	97.5	97.6	97.7
≥ 700	67.1	79.5	87.9	92.9	94.2	95.8	96.5	96.8	97.4	97.7	97.7	97.8	97.9	98.0	98.1
≥ 600	67.1	79.5	88.0	93.1	94.5	96.2	97.0	97.2	97.8	98.1	98.1	98.3	98.4	98.4	98.5
≥ 500	67.2	79.6	88.1	93.2	94.7	96.5	97.3	97.6	98.2	98.5	98.5	98.7	98.8	98.9	99.0
≥ 400	67.2	79.7	88.2	93.4	94.8	96.6	97.5	97.8	98.4	98.8	98.8	99.0	99.1	99.1	99.2
≥ 300	67.2	79.7	88.2	93.4	94.8	96.7	97.6	98.0	98.7	99.0	99.0	99.2	99.3	99.4	99.5
≥ 200	67.2	79.7	88.2	93.4	94.9	96.8	97.7	98.0	98.8	99.1	99.2	99.4	99.5	99.5	99.7
≥ 100	67.2	79.7	88.2	93.4	94.9	96.8	97.7	98.1	98.8	99.2	99.2	99.4	99.5	99.6	99.8
≥ 0	67.2	79.7	88.2	93.4	94.9	96.8	97.7	98.1	98.8	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

1
2DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.2	54.4	57.0	58.7	59.0	59.7	60.0	60.1	60.3	60.3	60.3	60.4	60.5	60.5	60.7
≥ 20000	53.4	59.1	62.0	63.8	64.1	64.9	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	66.0
IV 18000	53.4	59.1	62.0	63.8	64.1	64.9	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	66.0
IV 16000	53.4	59.1	62.0	63.8	64.1	64.9	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	66.0
IV 14000	53.5	59.2	62.2	64.1	64.3	65.1	65.5	65.5	65.7	65.8	65.8	65.9	66.0	66.1	66.2
IV 12000	55.0	61.0	64.0	66.0	66.3	67.1	67.4	67.5	67.7	67.8	67.8	67.9	68.0	68.0	68.2
IV 10000	58.6	65.2	68.4	70.6	70.9	71.8	72.1	72.2	72.4	72.5	72.5	72.7	72.7	72.8	73.0
IV 9000	59.4	66.1	69.4	71.6	71.9	72.8	73.2	73.2	73.4	73.6	73.6	73.7	73.8	73.8	74.0
IV 8000	60.9	68.0	71.4	73.8	74.2	75.2	75.5	75.6	75.8	76.0	76.0	76.1	76.2	76.2	76.4
IV 7000	61.9	69.2	72.6	75.0	75.4	76.4	76.8	76.9	77.1	77.3	77.3	77.4	77.5	77.5	77.7
IV 6000	62.8	70.4	73.8	76.2	76.8	77.8	78.2	78.3	78.5	78.7	78.7	78.8	78.9	79.0	79.1
IV 5000	64.1	71.9	75.4	78.0	78.5	79.6	80.0	80.1	80.3	80.5	80.5	80.6	80.7	80.7	80.9
IV 4500	64.8	72.6	76.3	78.8	79.3	80.4	80.8	80.9	81.1	81.3	81.3	81.4	81.5	81.5	81.7
IV 4000	66.3	74.5	78.3	81.1	81.7	82.8	83.2	83.4	83.6	83.8	83.8	83.9	84.0	84.1	84.2
IV 3500	66.8	75.1	79.0	82.0	82.5	83.8	84.2	84.3	84.6	84.7	84.7	84.9	84.9	85.0	85.2
IV 3000	67.9	76.3	80.4	83.4	83.9	85.4	85.8	85.9	86.2	86.3	86.3	86.5	86.5	86.6	86.8
IV 2500	68.6	77.0	81.2	84.3	84.9	86.3	86.9	87.0	87.3	87.5	87.5	87.7	87.7	87.8	88.0
IV 2000	69.0	78.4	82.7	85.9	86.5	88.1	88.7	88.8	89.2	89.5	89.5	89.7	89.7	89.8	90.0
IV 1800	69.8	78.6	83.0	86.3	86.9	88.6	89.2	89.2	89.7	89.9	90.0	90.1	90.2	90.3	90.4
IV 1500	71.1	79.0	83.6	86.9	87.5	89.2	89.8	89.9	90.4	90.7	90.7	90.8	90.9	91.0	91.1
IV 1200	70.6	79.7	84.3	87.9	88.6	90.4	91.0	91.1	91.7	91.9	91.9	92.1	92.2	92.3	92.4
IV 1000	70.8	80.1	84.9	88.8	89.5	91.4	92.1	92.2	92.8	93.1	93.1	93.3	93.3	93.4	93.6
IV 900	70.9	80.2	85.0	89.0	89.8	91.9	92.7	92.9	93.5	93.8	93.8	94.0	94.1	94.2	94.3
IV 800	71.0	80.3	85.1	89.2	90.0	92.2	93.2	93.3	94.0	94.3	94.3	94.5	94.6	94.6	94.8
IV 700	71.1	80.5	85.5	89.8	90.6	92.9	94.1	94.3	95.1	95.5	95.5	95.7	95.8	95.9	96.1
IV 600	71.1	80.6	85.6	90.0	90.8	93.2	94.5	94.7	95.7	96.1	96.1	96.4	96.4	96.6	96.7
IV 500	71.1	80.6	85.7	90.2	91.0	93.7	95.2	95.5	96.7	97.2	97.3	97.5	97.6	97.7	97.9
IV 400	71.1	80.6	85.7	90.3	91.1	94.0	95.6	96.0	97.2	97.7	97.9	98.2	98.3	98.4	98.6
IV 300	71.1	80.5	85.7	90.3	91.1	94.1	95.7	96.2	97.3	98.0	98.1	98.3	98.6	98.9	99.1
IV 200	71.1	80.6	85.7	90.4	91.2	94.2	95.8	96.3	97.5	98.2	98.3	98.6	99.0	99.3	99.5
IV 100	71.1	80.6	85.7	90.4	91.2	94.2	95.8	96.3	97.5	98.2	98.3	98.6	99.1	99.4	99.7
IV 0	71.1	80.6	85.7	90.4	91.2	94.2	95.8	96.3	97.5	98.2	98.3	98.6	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6472

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FOOT MIDDLE MARYLAND/TIPTON AAF

62-63

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	57.9 60.1	62.3 65.1	64.2 67.1	63.0 68.1	65.3 68.5	65.7 68.9	65.9 69.0	65.9 69.1	66.2 69.3	66.3 69.5	66.4 69.5	66.5 69.7	66.6 69.7	66.7 69.9	67.0 70.2	
IV 18000 16000	60.1 60.2	65.1 65.1	67.1 67.1	68.1 68.2	68.5 68.3	68.9 68.9	69.0 69.1	69.1 69.1	69.3 69.4	69.5 69.5	69.5 69.6	69.7 69.7	69.7 69.8	69.9 69.9	70.2 70.2	
IV 14000 12000	60.7 62.1	65.7 67.5	67.7 69.4	68.8 70.7	69.1 71.0	69.5 71.4	69.7 71.6	69.7 71.6	70.0 71.9	70.1 72.1	70.2 72.1	70.3 72.3	70.4 72.3	70.5 72.5	70.9 72.8	
IV 10000 9000	64.0 64.9	69.4 70.4	71.6 72.6	73.1 74.2	73.4 74.5	73.9 75.0	74.1 75.2	74.1 75.2	74.4 75.5	74.5 75.6	74.6 75.7	74.8 75.9	74.8 75.9	75.0 76.1	75.3 76.4	
IV 8000 7000	67.2 65.9	72.8 74.6	75.1 77.2	76.8 78.9	77.2 79.3	77.7 79.8	77.9 80.0	77.9 80.0	78.2 80.3	78.4 80.5	78.4 80.5	78.6 80.7	78.6 80.8	78.8 80.9	79.1 81.3	
IV 6000 5000	70.3 72.2	76.2 78.3	78.8 81.0	80.5 82.7	81.0 83.2	81.5 83.8	81.7 84.1	81.7 84.1	82.0 84.4	82.2 84.5	82.2 84.6	82.4 84.8	82.5 84.8	82.5 85.0	83.0 85.3	
IV 4500 4000	73.0 74.3	79.2 80.7	81.9 83.5	83.7 85.4	84.1 85.8	84.8 86.5	85.0 86.8	85.0 86.8	85.3 87.0	85.5 87.2	85.5 87.3	85.7 87.5	85.8 87.5	85.9 87.7	86.3 88.0	
IV 3500 3000	75.3 76.7	81.9 83.4	84.7 86.4	86.6 88.5	87.1 89.0	87.7 89.7	88.0 89.9	88.0 90.0	88.3 90.3	88.5 90.4	88.5 90.5	88.7 90.7	88.8 90.8	88.9 90.9	89.3 91.2	
IV 2500 2000	77.2 77.7	84.0 84.6	87.0 87.8	89.3 90.1	89.8 90.6	90.5 91.4	90.8 91.7	90.8 91.7	91.1 92.0	91.3 92.2	91.4 92.3	91.6 92.5	91.6 92.5	91.8 92.7	92.1 93.0	
IV 1800 1500	77.8 77.8	84.6 84.7	87.8 88.1	90.1 90.5	90.7 91.1	91.5 91.9	91.7 92.2	91.8 92.2	92.1 92.6	92.3 92.8	92.3 92.8	92.5 93.0	92.5 93.1	92.7 93.2	93.1 93.6	
IV 1200 1000	78.0 78.1	85.0 85.1	88.5 88.8	91.1 91.5	91.8 92.2	92.7 93.2	93.0 93.6	93.0 93.6	93.3 94.0	93.5 94.2	93.6 94.2	93.8 94.4	93.8 94.5	94.0 94.6	94.4 95.0	
IV 900 800	78.2 78.2	85.3 85.3	89.0 89.1	91.7 92.0	92.5 92.7	93.5 93.7	93.9 94.2	93.9 94.3	94.3 94.8	94.5 95.1	94.6 95.1	94.8 95.3	94.8 95.4	95.0 95.6	95.3 95.9	
IV 700 600	78.2 78.3	85.4 85.5	89.3 89.4	92.3 92.5	93.1 93.4	94.2 94.5	94.7 95.1	94.8 95.2	95.4 95.9	95.8 96.2	95.8 96.3	96.1 96.5	96.1 96.5	96.3 96.7	96.6 97.1	
IV 500 400	78.3 78.3	85.5 85.6	89.5 89.6	92.7 92.8	93.6 93.8	94.7 94.9	95.3 95.6	95.6 95.9	96.3 96.7	96.7 97.2	96.7 97.2	97.0 97.4	97.0 97.5	97.2 97.8	97.6 98.2	
IV 300 200	78.3 78.3	85.6 85.6	89.7 89.7	92.9 92.9	93.9 94.0	95.2 95.2	95.9 95.9	96.1 96.2	97.0 97.1	97.6 97.7	97.7 97.8	98.0 98.2	98.0 98.3	98.4 98.6	98.8 99.1	
IV 100 0	78.3 78.3	85.6 85.6	89.7 89.7	93.0 93.0	94.0 94.0	95.2 95.3	96.0 96.0	96.2 96.2	97.2 97.2	97.7 97.8	97.9 97.9	98.3 98.3	98.4 98.4	98.8 99.0	99.5 100.0	

TOTAL NUMBER OF OBSERVATIONS 6468

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.1 54.4	52.0 57.7	52.9 58.7	53.8 59.7	53.9 59.9	54.2 60.2	54.2 60.2	54.3 60.3	54.4 60.4	54.4 60.5	54.4 60.4	54.5 60.6	54.5 60.6	54.6 60.7	54.7 60.8
IV 13000 IV 16000	54.4 54.6	57.8 57.9	58.1 58.0	59.0 59.9	59.9 60.1	60.3 60.4	60.3 60.5	60.3 60.5	60.5 60.7	60.5 60.7	60.5 60.7	60.6 60.8	60.6 60.8	60.7 60.9	60.8 61.0
IV 4000 IV 12000	55.4 58.3	58.9 61.8	60.0 63.1	61.0 64.2	61.1 64.4	61.5 64.7	61.5 64.8	61.5 64.8	61.7 65.0	61.7 65.0	61.7 65.0	61.8 65.1	61.8 65.1	61.9 65.2	62.0 65.3
IV 10000 90°0	61.7 62.2	65.6 66.2	66.9 67.6	68.2 68.9	68.4 69.1	68.7 69.2	68.8 69.6	68.9 69.6	69.1 69.8	69.1 69.8	69.1 69.8	69.2 70.0	69.2 70.0	69.3 70.0	69.4 70.2
IV 8000 IV 7000	65.2 67.3	69.4 71.7	70.8 73.2	72.3 74.8	72.5 75.0	72.9 75.4	73.0 75.5	73.0 75.5	73.2 75.7	73.2 75.8	73.2 75.8	73.4 75.9	73.4 75.9	73.4 76.1	73.6 76.2
IV 6000 IV 5000	68.6 70.6	73.3 75.5	75.1 77.3	76.8 79.1	77.0 79.3	77.5 79.8	77.7 80.0	77.7 80.0	77.9 80.2	77.9 80.2	77.9 80.2	78.1 80.4	78.1 80.4	78.3 80.5	78.4 80.7
IV 4500 IV 4000	71.8 74.5	76.8 79.5	79.7 81.5	80.5 83.5	80.7 83.8	81.3 84.3	81.4 84.5	81.4 84.5	81.6 84.7	81.7 84.8	81.7 84.8	81.9 84.9	81.9 84.9	82.0 85.1	82.1 85.2
IV 3500 IV 3000	75.4 76.5	80.5 82.0	82.7 84.3	84.7 86.4	85.0 86.7	85.6 87.4	85.8 87.5	85.8 87.6	86.0 87.8	86.1 87.9	86.1 87.9	86.3 88.0	86.3 88.0	86.4 88.2	86.5 88.3
IV 2500 IV 2000	77.3 78.4	82.7 84.1	85.1 86.6	87.3 89.0	87.7 89.4	88.3 90.1	88.5 90.3	88.5 90.3	88.8 90.6	88.9 90.7	88.9 90.7	89.1 90.9	89.1 90.9	89.2 91.0	89.4 91.2
IV 1800 IV 1500	78.6 79.9	84.4 84.9	86.8 87.4	89.3 90.0	89.7 90.3	90.4 91.2	90.6 91.4	90.6 91.4	90.8 91.7	91.0 91.8	91.0 91.8	91.2 92.0	91.2 92.0	91.3 92.2	91.5 92.3
IV 1200 IV 1000	79.2 79.4	85.2 85.5	87.9 88.3	90.6 91.2	91.0 91.6	92.0 92.7	92.2 93.0	92.2 93.0	92.5 93.4	92.7 93.5	92.7 93.5	92.9 93.8	92.9 93.8	93.1 93.9	93.2 94.1
IV 900 IV 800	79.5 79.5	85.6 85.7	88.5 88.6	91.4 91.6	91.8 92.1	93.0 93.4	93.3 93.7	93.3 93.8	93.7 94.2	93.8 94.4	93.9 94.4	94.1 94.4	94.1 94.4	94.3 94.8	94.4 95.0
IV 700 IV 600	79.6 79.6	85.7 85.8	88.7 88.8	91.9 92.1	92.3 92.7	93.7 94.2	94.2 94.7	94.2 94.8	94.7 95.3	94.9 95.6	95.0 95.6	95.2 95.9	95.3 96.0	95.4 96.1	95.6 96.3
IV 500 IV 400	79.7 79.7	85.9 85.9	89.0 89.1	92.5 92.6	93.1 93.4	94.8 95.1	95.5 95.9	95.6 96.0	96.2 96.8	96.3 97.2	96.6 97.3	97.0 97.7	97.0 97.8	97.2 97.9	97.3 98.1
IV 300 IV 200	79.7 79.7	85.9 85.9	89.1 89.2	92.6 92.7	93.5 93.6	95.3 95.4	96.2 96.3	96.3 96.4	97.1 97.3	97.6 97.8	97.7 98.0	98.3 98.6	98.4 98.7	98.6 99.0	98.8 99.3
IV 100 IV 0	79.7 79.7	85.9 85.9	89.2 89.2	92.7 92.7	93.6 93.6	95.4 95.4	96.3 96.4	96.4 96.4	97.3 97.3	97.8 97.8	98.0 98.0	98.7 98.7	98.8 98.8	99.1 99.1	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 6621

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.1	46.7	49.5	50.0	50.1	50.4	50.4	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.6
≥ 18000	50.1	53.2	54.6	55.3	55.4	55.7	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2
≥ 16000	50.1	53.2	54.6	55.3	55.4	55.7	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.2
≥ 14000	50.5	53.6	55.0	55.8	55.9	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.7
≥ 12000	53.4	56.8	58.5	59.3	59.4	59.7	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 10300	57.1	60.7	62.5	63.4	63.6	64.0	64.0	64.1	64.3	64.3	64.3	64.4	64.5	64.5	64.6
≥ 9000	58.0	61.6	63.5	64.4	64.6	65.0	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.6
≥ 8000	60.5	64.3	66.5	67.5	67.7	68.1	68.2	68.2	68.5	68.6	68.6	68.7	68.7	68.8	68.8
≥ 7000	62.7	66.8	69.1	70.2	70.4	70.9	71.1	71.1	71.4	71.5	71.5	71.6	71.6	71.7	71.7
≥ 6000	64.7	68.9	71.4	72.7	72.9	73.4	73.7	73.7	74.1	74.1	74.1	74.3	74.3	74.4	74.4
≥ 5000	68.1	72.6	75.1	76.4	76.7	77.2	77.6	77.6	78.1	78.1	78.1	78.3	78.3	78.4	78.4
≥ 4500	68.9	73.5	76.1	77.4	77.7	78.3	78.6	78.7	79.1	79.2	79.2	79.3	79.4	79.5	79.5
≥ 4000	71.1	75.7	78.6	80.0	80.3	81.0	81.4	81.4	81.9	81.9	81.9	82.1	82.1	82.2	82.3
≥ 3500	72.0	76.8	79.7	81.2	81.5	82.2	82.6	82.7	83.2	83.2	83.2	83.3	83.4	83.5	83.5
≥ 3000	72.5	77.3	80.4	81.9	82.3	83.0	83.4	83.5	84.0	84.0	84.0	84.2	84.2	84.3	84.4
≥ 2500	73.0	78.0	81.1	82.7	83.1	83.9	84.3	84.3	84.8	84.8	84.9	85.1	85.1	85.2	85.3
≥ 2000	73.5	78.6	81.8	83.5	84.0	84.8	85.2	85.2	85.7	85.8	85.8	86.0	86.0	86.1	86.2
≥ 1800	73.6	78.8	82.1	83.8	84.2	85.1	85.4	85.5	86.0	86.1	86.1	86.3	86.4	86.5	86.5
≥ 1500	73.9	79.0	82.5	84.2	84.7	85.6	86.0	86.1	86.7	86.7	86.8	87.0	87.1	87.2	87.2
≥ 1200	74.2	79.5	83.0	84.9	85.5	86.5	87.0	87.1	87.7	87.8	87.8	88.0	88.1	88.2	88.3
≥ 1000	74.3	79.7	83.3	85.4	86.0	87.2	87.8	87.9	88.7	88.9	89.0	89.2	89.3	89.5	89.5
≥ 900	74.4	79.9	83.6	85.8	86.5	87.7	88.3	88.4	89.3	89.5	89.5	89.8	89.9	90.0	90.1
≥ 800	74.4	80.1	83.9	86.2	86.9	88.2	88.8	88.9	89.8	90.0	90.1	90.4	90.5	90.8	90.9
≥ 700	74.4	80.2	84.1	86.4	87.2	88.6	89.3	89.4	90.4	90.7	90.8	91.2	91.3	91.6	91.7
≥ 600	74.4	80.2	84.3	86.7	87.5	89.1	89.8	90.0	91.1	91.4	91.5	91.9	92.0	92.3	92.4
≥ 500	74.5	80.3	84.5	87.0	87.9	89.5	90.6	90.8	92.1	92.6	92.8	93.3	93.5	93.8	94.0
≥ 400	74.5	80.3	84.5	87.2	88.2	89.9	91.2	91.4	92.9	93.8	94.0	94.7	95.0	95.5	95.8
≥ 300	74.6	80.4	84.6	87.4	88.4	90.2	91.5	91.8	93.5	94.7	94.8	95.6	96.0	96.9	97.2
≥ 200	74.6	80.4	84.6	87.4	88.5	90.3	91.6	91.9	93.8	95.1	95.3	96.4	97.1	98.1	98.9
≥ 100	74.6	80.4	84.6	87.4	88.5	90.3	91.6	92.0	93.9	95.2	95.4	96.4	97.3	98.4	99.4
≥ 0	74.6	80.4	84.6	87.4	88.5	90.3	91.6	92.0	93.9	95.2	95.4	96.4	97.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

7154

USAF ETAC

FORM
JUL 64

0-14.5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-66

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	52.7	54.8	54.8	54.8	54.8	55.6	55.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	
≥ 20000	55.9	58.1	58.2	58.5	58.5	59.6	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	
≥ 18000	55.9	58.1	58.2	58.5	58.5	59.6	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	
≥ 16000	55.9	58.1	58.2	58.5	58.5	59.6	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	
≥ 14000	57.8	59.9	60.1	60.4	60.4	61.4	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	
≥ 12000	60.2	62.5	62.7	63.0	63.0	64.1	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	
≥ 10000	62.6	65.4	65.9	66.2	66.2	67.3	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	
≥ 9000	63.3	65.9	66.4	66.7	66.7	67.7	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	
≥ 8000	65.4	68.2	68.8	69.3	69.3	70.5	70.5	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	
≥ 7000	66.8	69.7	70.4	70.8	70.8	72.0	72.0	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	
≥ 6000	68.4	71.6	72.4	72.8	72.8	74.2	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	
≥ 5000	71.7	75.4	76.5	77.0	77.0	78.3	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	
≥ 4500	73.1	77.1	78.2	78.6	78.6	80.0	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	
≥ 4000	74.0	78.0	79.1	79.6	79.6	81.0	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	
≥ 3500	75.0	79.1	80.3	80.8	80.8	82.2	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	
≥ 3000	76.0	80.2	81.4	81.9	81.9	83.3	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	
≥ 2500	76.5	80.6	81.9	82.5	82.5	83.9	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	
≥ 2000	77.7	82.2	83.7	84.3	84.3	86.0	86.0	86.0	86.5	86.8	86.8	86.8	86.8	86.8	86.8	
≥ 1800	77.7	82.2	83.9	84.5	84.5	86.2	86.2	86.2	86.6	86.9	86.9	86.9	86.9	86.9	86.9	
≥ 1500	78.0	82.5	84.3	84.9	84.9	86.6	86.6	86.6	87.1	87.6	87.6	87.6	87.6	87.6	87.6	
≥ 1200	78.6	83.3	85.6	86.3	86.3	88.0	88.0	88.0	88.6	89.1	89.1	89.2	89.2	89.2	89.2	
≥ 1000	78.8	83.4	85.7	86.6	86.6	88.6	88.6	88.6	89.6	90.0	90.0	90.2	90.2	90.2	90.2	
≥ 900	78.8	83.4	85.7	86.6	86.6	88.6	88.6	88.6	89.6	90.0	90.0	90.2	90.2	90.2	90.2	
≥ 800	78.8	83.4	85.7	86.6	86.6	88.6	88.6	88.6	89.6	90.0	90.0	90.2	90.2	90.2	90.2	
≥ 700	78.8	83.4	85.9	87.4	87.6	89.7	89.9	89.9	90.6	91.1	91.1	91.2	91.2	91.2	91.2	
≥ 600	78.8	83.4	85.9	87.7	88.0	90.3	90.5	90.5	91.4	91.9	91.9	92.0	92.0	92.5	92.5	
≥ 500	79.0	83.7	86.2	88.0	88.3	90.8	90.9	90.9	91.9	92.3	92.3	92.5	92.5	92.9	92.9	
≥ 400	79.0	83.7	86.5	88.3	88.9	91.7	91.9	92.0	93.1	93.7	93.7	94.2	94.2	94.6	94.6	
≥ 300	79.0	83.7	86.5	88.5	89.1	91.9	92.3	92.5	94.5	95.1	95.1	95.7	95.7	96.3	96.3	
≥ 200	79.0	83.7	86.5	88.5	89.1	91.9	92.3	92.6	94.8	95.5	95.5	96.5	96.5	97.4	97.4	
≥ 100	79.0	83.7	86.5	88.5	89.1	91.9	92.3	92.6	94.8	95.7	95.7	96.6	96.6	97.5	97.5	
≥ 0	79.0	83.7	86.5	88.5	89.1	91.9	92.3	92.6	94.8	95.7	95.7	96.6	96.6	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1/16 12/16 7/16 4/16 1/16
12/16 10/16 8/16 5/16 4/16

0100-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	49.8	51.5	52.5	52.8	52.8	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 18000 IV 16000	52.1	54.1	55.6	56.1	56.2	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 14000 IV 12000	52.1	54.1	55.6	56.1	56.2	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000 IV 9000	53.3	55.3	56.8	57.3	57.5	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 8000 IV 7000	56.7	58.7	60.2	60.7	60.8	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000 IV 5000	59.6	61.8	63.3	63.7	63.9	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 4500 IV 4000	60.1	62.5	64.1	64.5	64.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 3500 IV 3000	62.5	65.3	67.0	67.4	67.6	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 2500 IV 2000	63.7	66.5	68.7	69.1	69.3	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 1800 IV 1500	66.4	69.4	71.6	72.0	72.2	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 1200 IV 1000	70.2	73.6	75.7	76.2	76.5	77.3	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9
IV 900 IV 800	71.1	74.7	76.8	77.3	77.7	78.5	79.1	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4
IV 700 IV 600	71.4	75.1	77.3	77.7	78.2	79.0	79.6	79.6	79.6	79.7	79.9	79.9	79.9	79.9	79.9
IV 500 IV 400	72.2	76.0	78.2	78.6	79.1	79.9	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8
IV 300 IV 200	73.0	77.1	79.3	79.9	80.6	81.4	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 100 IV 0	73.9	78.2	80.3	81.0	81.9	82.6	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6
	74.3	78.8	81.1	81.7	82.6	83.7	84.6	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.3
	75.0	79.6	81.9	82.5	83.4	84.9	85.9	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.5
	75.9	80.6	83.1	84.2	85.3	86.8	87.7	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.5
	76.0	80.8	83.3	84.6	85.7	87.7	88.6	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.4
	76.0	80.8	83.3	84.6	85.7	87.7	88.6	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.4
	76.2	81.0	83.4	84.9	86.0	88.2	89.1	89.1	89.4	89.7	89.9	90.0	90.0	90.0	90.2
	76.3	81.3	83.7	85.3	86.3	88.5	89.4	89.4	89.7	90.0	90.2	90.3	90.3	90.3	90.5
	76.3	81.3	83.7	85.3	86.3	88.5	89.4	89.4	89.7	90.0	90.2	90.3	90.3	90.3	90.9
	76.5	81.4	84.0	85.9	86.9	89.9	90.9	90.9	91.2	91.6	91.7	92.0	92.0	92.0	92.9
	76.5	81.4	84.0	85.9	86.9	89.9	91.2	91.4	91.7	92.2	92.3	92.6	92.6	93.4	93.5
	76.5	81.4	84.2	86.8	87.9	91.1	92.8	93.1	93.9	94.6	94.8	95.4	95.4	96.2	96.3
	76.5	81.4	84.2	86.9	88.0	91.2	92.9	93.2	94.2	94.9	95.2	96.0	96.0	96.9	97.5
	76.5	81.4	84.2	86.9	88.0	91.2	92.9	93.2	94.2	94.9	95.2	96.0	96.0	97.2	99.4
	76.5	81.4	84.2	86.9	88.0	91.2	92.9	93.2	94.2	94.9	95.2	96.0	96.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 651

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93723

FORT MEADE MARYLAND/TIPTON AAF

60-70

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.5	49.6	50.3	50.9	50.9	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
IV 18000 IV 16000	51.2	55.1	55.9	56.5	56.5	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000 IV 12000	51.4	55.3	56.1	56.7	56.7	57.2	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
IV 10000 IV 9000	52.0	55.9	56.7	57.3	57.3	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000 IV 7000	53.2	59.2	60.0	60.6	60.7	61.2	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
IV 6000 IV 5000	58.9	62.9	63.8	64.4	64.6	65.1	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500 IV 4000	59.7	63.8	64.7	65.3	65.5	66.0	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8
IV 3500 IV 3000	61.1	65.3	66.4	67.0	67.2	67.7	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5
IV 2500 IV 2000	62.9	67.3	68.5	69.1	69.3	69.8	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7
IV 1800 IV 1500	64.5	69.0	70.3	70.9	71.1	71.8	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 1200 IV 1000	67.8	72.3	73.7	74.3	74.5	75.2	75.8	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.3
IV 900 IV 800	68.5	73.1	74.7	75.3	75.5	76.2	76.8	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.3
IV 700 IV 600	70.6	75.5	77.4	78.1	78.4	79.2	79.9	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4
IV 500 IV 400	71.3	76.3	78.2	78.9	79.2	80.0	80.8	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3
IV 300 IV 200	72.0	77.0	79.0	79.7	80.0	80.9	81.8	81.8	82.1	82.3	82.3	82.4	82.5	82.5	82.5
IV 100 IV 0	73.1	78.6	80.6	81.4	81.7	82.6	83.5	83.5	83.8	84.0	84.0	84.1	84.2	84.2	84.2
	73.4	79.0	81.0	81.8	82.2	83.1	84.3	84.3	84.6	84.8	84.8	84.9	85.0	85.0	85.0
	73.4	79.0	81.0	81.8	82.2	83.1	84.3	84.3	84.6	84.8	84.8	84.9	85.0	85.0	85.0
	73.7	79.4	81.7	82.5	82.9	84.0	85.2	85.2	85.5	85.7	85.7	85.8	85.9	85.9	85.9
	74.1	79.8	82.1	82.9	83.3	84.6	85.9	85.9	86.2	86.4	86.4	86.5	86.6	86.6	86.6
	74.2	79.9	82.5	83.6	84.0	85.7	87.0	87.0	87.3	87.5	87.5	87.5	87.6	87.6	87.6
	74.3	80.4	83.0	84.1	84.5	86.3	87.5	87.5	87.8	88.1	88.1	88.2	88.3	88.3	88.3
	74.5	80.6	83.2	84.4	84.8	86.9	88.1	88.1	88.4	88.8	88.8	88.9	89.0	89.1	89.1
	74.9	81.1	83.8	85.1	85.5	87.5	88.8	88.8	89.2	89.7	89.7	89.9	90.1	90.2	90.2
	74.9	81.2	83.9	85.4	86.1	88.2	89.6	89.6	90.0	90.5	90.5	90.7	90.9	91.1	91.1
	74.9	81.4	84.4	85.9	86.6	89.0	90.5	90.6	91.1	91.8	91.8	92.1	92.3	92.5	92.5
	74.9	81.4	84.8	86.5	87.2	89.7	91.5	91.8	92.3	93.1	93.1	93.5	93.7	94.0	94.0
	74.9	81.4	84.9	86.6	87.3	90.0	91.9	92.2	92.8	94.0	94.1	94.6	94.8	95.1	95.5
	74.9	81.4	84.9	86.6	87.3	90.1	92.1	92.4	93.2	94.5	94.6	95.2	96.0	96.8	97.5
	74.9	81.4	84.9	86.6	87.3	90.1	92.1	92.4	93.2	94.5	94.6	95.4	96.5	97.5	99.6
	74.9	81.4	84.9	86.6	87.3	90.1	92.1	92.4	93.2	94.5	94.6	95.4	96.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1004

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	45.5 50.5	48.9 54.8	50.7 56.9	51.3 57.6	51.3 57.6	51.3 57.6	51.5 57.9	51.5 57.9	51.6 58.0	51.7 58.1	51.7 58.1	51.7 58.1	51.7 58.2	51.7 58.2	51.7 58.2	
IV 18000 IV 16000	50.5 50.7	54.8 55.0	56.9 57.1	57.6 57.8	57.6 57.8	57.6 57.8	57.9 58.1	57.9 58.1	58.0 58.2	58.1 58.2	58.1 58.2	58.1 58.2	58.2 58.3	58.2 58.3	58.2 58.4	
IV 14000 IV 12000	51.0 53.6	55.4 58.3	57.6 60.4	58.3 61.3	58.3 61.3	58.3 61.3	58.6 61.6	58.6 61.6	58.7 61.7	58.7 61.8	58.7 61.8	58.7 61.8	58.7 61.9	58.8 61.9	58.8 61.9	
IV 10000 IV 9000	57.9 58.4	63.0 63.7	65.3 66.0	66.3 67.1	66.3 67.1	66.4 67.2	67.0 67.7	67.0 67.7	67.2 67.9	67.4 68.2	67.4 68.2	67.5 68.2	67.6 68.3	67.6 68.4	67.6 68.4	
IV 8000 IV 7000	60.2 61.9	65.9 67.6	68.1 69.9	69.2 71.3	69.2 71.3	69.4 71.5	70.2 72.3	70.4 72.5	70.6 72.7	71.0 73.2	71.0 73.2	71.1 73.3	71.1 73.4	71.2 73.5	71.2 73.5	
IV 6000 IV 5000	63.8 65.8	69.8 72.2	72.0 74.8	73.8 76.6	73.8 76.6	74.0 76.8	74.9 77.7	75.1 77.9	75.3 78.1	75.8 78.6	75.9 78.7	76.0 78.8	76.1 78.9	76.1 78.9	76.1 78.9	
IV 4500 IV 4000	66.1 67.5	72.5 74.2	75.1 76.9	76.9 79.1	76.9 79.2	77.1 79.4	78.0 80.3	78.2 80.4	78.4 80.7	78.9 81.2	79.0 81.3	79.1 81.4	79.2 81.5	79.2 81.5	79.2 81.5	
IV 3500 IV 3000	67.6 68.6	74.4 75.8	77.1 78.5	79.5 80.8	79.7 81.0	80.1 81.4	80.9 82.3	81.1 82.5	81.4 82.8	81.9 83.3	82.0 83.4	82.1 83.5	82.2 83.6	82.2 83.6	82.2 83.6	
IV 2500 IV 2000	69.4 69.5	76.9 76.7	79.7 79.9	82.0 82.3	82.2 82.5	82.6 83.0	83.6 84.1	83.8 84.2	84.1 84.6	84.7 85.0	84.7 85.1	84.8 85.2	84.8 85.3	84.8 85.3	84.8 85.3	
IV 1800 IV 1500	69.6 69.7	76.9 77.2	80.1 80.5	82.5 83.2	82.7 83.4	83.2 84.0	84.2 84.9	84.4 85.1	84.8 85.7	85.2 86.2	85.3 86.3	85.4 86.4	85.5 86.5	85.5 86.5	85.5 86.5	
IV 1200 IV 1000	69.9 70.3	77.7 78.1	81.2 81.6	84.0 84.5	84.3 84.8	84.8 85.3	85.9 86.4	86.2 86.8	86.8 87.5	87.3 88.2	87.3 88.4	87.7 88.7	87.8 88.8	87.8 88.8	87.8 88.8	
IV 900 IV 800	70.3 70.3	78.1 78.2	81.8 82.1	84.8 85.2	85.1 85.5	85.8 86.2	87.1 87.5	87.5 87.9	88.2 88.7	89.0 89.5	89.1 89.7	89.4 90.0	89.5 90.1	89.5 90.1	89.5 90.2	
IV 700 IV 600	70.3 70.3	78.4 78.4	82.3 82.3	85.6 85.7	85.9 86.2	86.6 87.0	88.0 88.4	88.4 88.8	89.2 89.6	90.2 90.8	90.4 91.0	90.7 91.4	90.8 91.5	90.8 91.5	90.8 91.6	
IV 500 IV 400	70.3 70.4	78.4 78.7	82.3 82.8	85.8 86.4	86.3 86.9	87.2 87.8	88.6 89.1	89.1 89.9	90.1 91.2	91.4 93.0	91.7 93.4	92.2 93.9	92.3 94.0	92.3 94.0	92.3 94.2	
IV 300 IV 200	70.4 70.4	78.7 78.7	82.9 82.9	86.6 86.6	87.1 87.1	88.0 88.0	89.7 89.7	90.5 90.5	92.0 92.0	94.0 94.1	94.9 94.9	95.6 96.3	95.9 97.4	95.9 97.6	96.4 98.8	
IV 100 IV 0	70.4 70.4	78.7 78.7	82.9 82.9	86.6 86.6	87.1 87.1	88.0 88.0	89.7 89.7	90.5 90.5	92.0 92.0	94.1 94.1	94.9 94.9	96.4 96.4	98.0 98.0	98.3 98.3	99.9 100.0	

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.0	50.5	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 18000 IV 16000	53.2	56.2	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 14000 IV 12000	53.2	56.2	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 10000 IV 9000	53.6	56.8	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000 IV 7000	56.4	59.7	60.9	61.0	61.0	61.1	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 6000 IV 5000	59.4	63.6	65.0	65.5	65.6	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 4500 IV 4000	60.3	64.6	66.2	66.7	66.8	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 3500 IV 3000	62.5	67.2	69.2	69.7	69.8	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 2500 IV 2000	65.0	69.7	71.7	72.2	72.3	72.5	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 1800 IV 1500	66.7	71.7	74.1	74.7	74.9	75.2	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 1200 IV 1000	67.9	73.2	75.7	76.2	76.4	77.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 900 IV 800	68.8	74.1	76.5	77.1	77.3	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 700 IV 600	70.9	76.5	79.3	80.3	80.5	81.1	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 500 IV 400	71.3	77.2	80.0	80.9	81.2	81.9	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 300 IV 200	73.4	79.9	82.6	83.6	83.9	84.7	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 100 IV 0	73.8	80.4	83.2	84.2	84.5	85.3	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	74.1	80.8	83.8	84.9	85.2	86.2	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
	74.1	80.8	83.8	85.0	85.3	86.4	87.0	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
	74.2	81.0	84.1	85.3	85.6	86.7	87.4	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3
	74.4	81.3	84.4	85.8	86.1	87.4	88.5	89.0	89.2	89.4	89.5	89.7	89.8	89.8	89.8
	74.4	81.3	84.7	86.4	86.9	88.3	89.3	89.9	90.2	90.5	90.6	91.0	91.1	91.1	91.1
	74.5	81.4	84.8	87.1	88.1	89.4	90.5	91.1	91.4	91.7	91.8	92.2	92.3	92.3	92.3
	74.6	81.6	85.0	87.8	88.8	90.1	91.2	91.9	92.2	92.7	92.8	93.2	93.3	93.3	93.3
	74.7	81.7	85.1	87.9	88.9	90.7	92.0	92.8	93.5	94.5	94.6	95.4	95.7	95.9	96.0
	74.7	81.7	85.2	88.0	89.0	91.2	92.6	93.5	94.4	95.7	95.9	96.8	97.2	97.4	97.5
	74.7	81.7	85.2	88.0	89.0	91.2	92.8	93.6	94.6	95.9	96.1	97.2	97.7	97.9	98.0
	74.7	81.7	85.2	88.0	89.0	91.2	92.8	93.6	94.7	96.2	96.5	97.9	98.5	99.0	100.0
	74.7	81.7	85.2	88.0	89.0	91.2	92.8	93.6	94.7	96.2	96.5	97.9	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.4	51.6	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 18000	57.3	59.2	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 16000	57.3	59.2	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 14000	58.4	60.3	60.7	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 12000	60.3	62.5	62.9	63.0	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 10000	62.2	64.7	65.1	65.5	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 9000	63.1	65.7	66.1	66.5	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	66.8	69.5	69.9	70.4	70.6	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	69.1	72.1	72.8	73.3	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000	71.5	74.6	75.5	76.0	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 5000	72.8	76.3	77.6	78.4	78.6	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	73.0	76.6	78.0	78.8	79.1	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
IV 4000	74.8	79.1	80.7	81.9	82.3	83.1	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500	75.5	79.8	81.6	82.8	83.2	84.0	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	76.2	81.0	83.1	84.3	84.7	85.4	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
IV 2500	76.9	81.8	84.0	85.1	85.5	86.4	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
IV 2000	77.0	82.1	84.7	86.2	86.6	87.6	88.0	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	77.0	82.1	84.7	86.2	86.7	87.7	88.1	88.1	88.1	88.2	88.5	88.5	88.5	88.5	88.5
IV 1500	77.0	82.1	85.0	86.6	87.1	88.1	88.5	88.5	88.5	88.9	89.1	89.1	89.1	89.1	89.1
IV 1200	77.0	82.1	85.0	86.6	87.1	88.1	88.5	88.5	88.5	88.9	89.2	89.2	89.2	89.2	89.2
IV 1000	77.0	82.1	85.0	86.6	87.2	88.2	88.6	88.6	88.6	89.1	89.4	89.4	89.4	89.4	89.4
IV 900	77.0	82.1	85.0	86.6	87.3	88.3	88.9	88.9	88.9	89.3	89.8	89.8	90.1	90.1	90.2
IV 800	77.1	82.2	85.1	87.0	87.6	88.7	89.2	89.2	89.2	89.8	90.3	90.3	90.6	90.6	90.8
IV 700	77.3	82.7	85.6	87.6	88.4	89.4	90.0	90.4	91.2	91.7	91.7	92.1	92.1	92.3	92.3
IV 600	77.3	83.0	85.9	87.9	88.8	90.0	90.6	91.0	92.0	92.8	92.8	92.8	93.2	93.2	93.5
IV 500	77.3	83.0	85.9	88.0	88.9	90.6	91.4	91.8	92.8	93.7	93.7	94.1	94.1	94.4	94.8
IV 400	77.3	83.0	85.9	88.0	89.0	90.8	91.7	92.1	93.2	94.3	94.3	95.2	95.6	96.3	96.5
IV 300	77.3	83.0	85.9	88.2	89.1	91.0	91.9	92.4	93.5	95.1	95.3	96.4	97.1	97.8	98.0
IV 200	77.3	83.0	85.9	88.2	89.1	91.0	91.9	92.4	93.7	95.3	95.5	97.1	97.9	98.9	99.1
IV 100	77.3	83.0	85.9	88.2	89.1	91.0	91.9	92.4	93.7	95.3	95.7	97.3	98.2	99.4	100.0
IV 0	77.3	83.0	85.9	88.2	89.1	91.0	91.9	92.4	93.7	95.3	95.7	97.3	98.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0	
NO CEILING ≥ 20000	53.2	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 18000	58.7	60.8	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 16000	58.7	60.8	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	60.2	62.3	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	61.2	63.4	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 10000	64.9	67.2	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 9000	65.3	67.7	68.2	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000	67.8	70.3	71.1	71.3	71.3	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	68.9	71.4	72.2	72.4	72.4	72.8	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 6000	72.5	75.4	76.2	76.6	76.6	77.1	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	74.8	77.8	78.7	79.2	79.3	79.9	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4500	75.7	78.9	79.9	80.4	80.7	81.3	81.6	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	76.7	80.2	81.4	82.4	82.8	83.5	83.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3500	77.4	81.1	82.6	83.7	84.2	84.9	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3000	78.4	82.6	84.2	85.4	85.8	86.6	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	79.1	83.4	85.1	86.5	86.9	87.7	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2000	79.8	84.0	85.9	87.3	87.9	88.7	89.1	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1800	79.9	84.2	86.0	87.5	88.0	88.8	89.2	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500	80.0	84.3	86.1	87.6	88.1	88.9	89.3	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	80.1	84.4	86.4	87.8	88.3	89.2	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1000	80.1	84.4	86.4	88.0	88.7	89.5	90.0	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 900	80.1	84.4	86.4	88.1	88.8	89.8	90.3	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1
IV 800	80.1	84.4	86.4	88.1	88.8	89.8	90.3	90.3	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4
IV 700	80.1	84.4	86.4	88.2	88.9	89.9	90.4	90.4	91.1	91.5	91.5	91.9	91.9	91.9	91.9	91.9
IV 600	80.1	84.8	86.8	88.9	89.5	90.6	91.3	91.3	92.4	93.0	93.0	93.4	93.4	93.8	93.8	93.8
IV 500	80.1	84.8	86.9	89.1	89.9	91.2	92.0	92.2	93.1	93.6	93.6	94.1	94.1	94.6	94.6	94.6
IV 400	80.1	84.8	87.1	89.3	90.1	91.4	92.3	92.5	93.7	94.6	94.6	95.3	95.3	95.8	95.8	95.8
IV 300	80.1	84.8	87.1	89.3	90.1	91.4	92.3	92.5	93.7	94.6	94.6	95.3	95.3	95.8	95.8	95.8
IV 200	80.1	84.8	87.1	89.3	90.1	91.4	92.3	92.5	93.7	94.6	94.6	95.3	95.3	95.8	95.8	95.8
IV 100	80.1	84.8	87.1	89.3	90.1	91.4	92.3	92.5	93.7	94.6	94.6	95.3	95.3	95.8	95.8	95.8
IV 0	80.1	84.8	87.1	89.3	90.1	91.4	92.3	92.5	93.7	94.6	94.6	95.3	95.3	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 909

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.3	55.8	56.6	56.7	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 18000	58.4	60.2	61.0	61.3	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 16000	58.4	60.2	61.0	61.3	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 14000	59.7	61.6	62.3	62.7	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	61.2	63.2	64.2	64.5	64.5	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 10000	64.8	67.3	68.3	68.6	68.6	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000	65.0	67.6	68.6	69.1	69.1	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 8000	68.1	70.9	72.1	72.8	72.8	72.9	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5
IV 7000	69.2	72.0	73.2	73.9	73.9	74.0	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6
IV 6000	71.7	75.0	76.2	77.1	77.1	77.2	77.5	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	74.2	77.9	79.1	80.1	80.1	80.2	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 4500	75.0	78.7	80.0	80.9	80.9	81.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 4000	77.1	81.2	82.6	83.6	83.6	83.7	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	77.8	82.0	83.7	84.9	84.9	85.0	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 3000	79.1	83.5	85.4	86.6	86.6	86.7	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	80.0	84.6	86.7	87.9	87.9	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV 2000	80.9	85.7	87.9	89.3	89.3	89.4	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV 1800	81.2	85.9	88.1	89.5	89.5	89.6	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	81.4	86.1	88.3	89.8	89.8	89.9	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 1200	81.5	86.3	88.5	90.0	90.0	90.1	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 1000	81.5	86.7	88.7	90.4	90.4	90.6	91.1	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	81.5	86.8	89.3	90.9	91.0	91.1	91.5	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	81.5	86.8	89.3	90.9	91.0	91.3	91.7	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 700	81.5	86.8	89.3	90.9	91.0	91.3	91.7	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 600	81.5	86.9	89.3	90.9	91.0	91.3	91.7	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 500	81.5	86.9	89.3	91.6	91.7	92.2	92.7	92.8	93.7	93.8	93.8	94.1	94.1	94.4	94.4
IV 400	81.5	87.0	89.8	92.1	92.4	93.2	93.7	93.8	94.7	95.4	95.4	95.6	95.6	96.0	96.0
IV 300	81.5	87.0	89.8	92.2	92.5	93.3	93.8	94.1	95.2	95.9	95.9	96.1	96.1	96.6	96.6
IV 200	81.5	87.0	89.8	92.2	92.5	93.3	94.1	94.3	95.4	96.5	96.5	97.2	97.4	98.3	98.3
IV 100	81.5	87.0	89.8	92.2	92.5	93.3	94.1	94.3	95.4	96.5	96.6	97.4	97.5	98.6	99.7
IV 0	81.5	87.0	89.8	92.2	92.5	93.3	94.1	94.3	95.4	96.5	96.6	97.4	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 908

USAF ETAC

FORM
JUL 64

O-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

53733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.T.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	44.4	43.8	46.8	47.5	47.6	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	47.5	48.8	49.8	50.3	50.7	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	47.6	49.0	50.0	50.7	50.8	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	47.8	49.2	50.2	50.8	51.0	51.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	48.7	50.0	51.0	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	49.3	50.7	51.7	52.4	52.5	52.9	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	53.4	54.7	55.7	56.4	56.6	56.9	57.2	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	54.7	56.4	57.4	58.1	58.2	58.6	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	57.6	59.3	60.3	60.9	61.1	61.4	61.8	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	59.3	61.4	62.5	63.3	63.5	63.8	64.1	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	62.0	64.1	65.2	66.0	66.2	66.5	66.8	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	67.2	69.7	71.4	72.4	72.6	72.9	73.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	68.5	71.0	72.7	73.7	73.9	74.2	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	70.2	72.7	74.9	75.9	76.1	76.6	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	70.2	73.1	75.6	76.6	76.8	77.3	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	70.4	73.4	76.3	77.6	77.8	78.5	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	71.2	75.1	78.1	79.8	80.0	81.0	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	71.5	75.4	78.5	80.1	80.3	81.3	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	71.7	75.6	78.6	80.3	80.5	81.5	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	71.9	75.9	79.0	81.1	81.3	82.3	82.8	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1000	72.4	76.8	79.8	82.2	82.3	83.7	84.2	84.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 900	72.6	77.3	80.3	82.8	83.0	84.8	85.4	85.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	72.6	77.4	80.5	83.0	83.7	85.5	86.0	86.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	72.6	77.6	81.0	83.8	84.5	86.4	86.9	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	72.7	77.9	81.5	84.3	85.0	87.4	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	72.7	78.1	81.6	84.7	85.4	87.7	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 400	72.7	78.3	82.3	85.4	86.4	88.9	90.1	90.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 300	72.7	78.6	82.8	86.0	87.0	90.2	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	72.7	78.6	82.8	86.0	87.0	90.2	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	72.7	78.6	82.8	86.0	87.0	90.2	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	72.7	78.6	82.8	86.0	87.0	90.2	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 594

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-66
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING IN 20000	42.6	43.6	44.6	45.5	45.8	45.6	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.5	47.0
IN 18000	48.3	49.2	50.2	51.2	51.5	51.5	51.5	51.7	51.9	51.9	51.9	51.9	51.9	52.2	52.7
IN 16000	48.8	49.7	50.7	51.7	52.0	52.0	52.0	52.2	52.4	52.4	52.4	52.4	52.4	52.7	53.2
IN 14000	49.5	50.3	51.3	52.4	52.7	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.4	53.9
IN 12000	50.7	51.5	52.5	53.5	53.9	53.9	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.5	55.1
IN 10000	52.0	52.9	53.9	54.9	55.2	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.9	56.4
IN 9000	53.4	54.2	55.2	56.2	56.6	56.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	57.2	57.7
IN 8000	56.6	57.4	58.4	59.4	59.8	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.4	60.9
IN 7000	60.4	61.3	62.3	63.3	63.6	63.6	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.3	64.8
IN 6000	63.1	64.0	65.0	66.0	66.3	66.3	66.3	66.7	66.8	66.8	66.8	66.8	66.8	67.2	67.7
IN 5000	67.0	67.8	69.5	70.9	71.2	71.2	71.2	71.5	71.7	71.7	71.7	71.7	71.7	72.1	72.6
IN 4500	68.5	69.4	71.4	72.7	73.1	73.1	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.9	74.4
IN 4000	68.7	69.3	72.4	73.7	74.1	74.1	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.9	75.4
IN 3500	69.7	70.5	73.6	75.3	75.6	75.6	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.4	76.9
IN 3000	70.5	71.4	74.4	76.4	77.1	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.9	78.5
IN 2500	71.4	72.4	75.4	77.6	78.3	78.5	78.6	78.6	79.0	79.1	79.1	79.1	79.1	79.5	80.0
IN 2000	71.5	72.6	75.6	77.9	79.0	79.3	79.5	79.5	79.8	80.0	80.0	80.0	80.0	80.3	80.8
IN 1800	71.7	72.7	75.8	78.1	79.1	79.3	79.6	79.6	80.0	80.1	80.1	80.1	80.1	80.5	81.0
IN 1500	72.6	73.6	76.6	79.1	80.1	80.6	80.8	80.8	81.1	81.3	81.3	81.3	81.3	81.6	82.2
IN 1200	73.2	74.4	77.4	80.0	81.0	82.0	82.2	82.2	82.5	82.7	82.7	82.7	82.7	83.0	83.5
IN 1000	73.2	74.4	77.4	80.6	82.0	83.3	84.0	84.0	84.3	84.7	84.7	84.7	84.7	85.0	85.5
IN 900	73.2	74.4	77.4	81.3	82.7	84.0	84.7	84.7	85.0	85.5	85.5	85.5	85.5	85.9	86.4
IN 800	73.4	74.6	77.8	82.0	83.5	85.0	86.0	86.0	86.5	87.0	87.0	87.0	87.0	87.4	87.9
IN 700	73.4	74.6	78.1	82.5	84.0	85.9	86.9	86.9	87.5	88.0	88.0	88.0	88.0	88.4	88.9
IN 600	73.7	74.9	78.6	83.0	84.7	86.7	87.7	87.7	88.4	88.9	88.9	88.9	88.9	89.2	89.7
IN 500	73.7	74.9	79.6	84.2	85.9	87.9	89.2	89.2	89.9	90.9	90.9	91.1	91.1	91.4	91.9
IN 400	73.7	74.9	79.6	84.3	86.0	88.0	89.4	89.4	90.1	91.1	91.1	91.1	91.1	91.4	91.8
IN 300	73.7	74.9	80.0	84.8	86.5	88.7	90.2	90.2	91.1	92.8	92.8	93.3	93.3	93.8	94.3
IN 200	73.7	74.9	80.0	85.0	86.7	89.1	90.7	90.7	92.5	95.1	95.1	95.6	95.6	96.3	97.0
IN 100	73.7	74.9	80.0	85.0	86.7	89.1	90.7	90.7	92.5	95.3	95.3	96.0	96.0	97.0	98.3
IN 0	73.7	74.9	80.0	85.0	86.7	89.1	90.7	90.7	92.8	95.3	95.3	96.0	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	43.7 48.7	45.5 50.5	46.1 51.5	46.8 52.2	47.1 52.6	47.1 52.6	47.4 52.7	47.7 53.1	47.7 53.1	47.7 53.2	47.7 53.2	47.7 53.3	47.7 53.3	47.7 53.3	47.8 53.4	
IV 18000 16000	48.9 49.1	50.6 50.8	51.6 51.8	52.3 52.6	52.7 52.9	52.7 52.9	53.0 53.2	53.2 53.4	53.2 53.4	53.3 53.6	53.3 53.6	53.3 53.6	53.3 53.6	53.3 53.6	53.4 53.7	
IV 14000 12000	49.6 51.4	51.6 53.1	52.6 54.1	53.3 54.9	53.7 55.2	53.7 55.2	54.0 55.5	54.2 55.7	54.2 55.7	54.3 55.8	54.3 55.8	54.3 55.8	54.3 55.8	54.3 55.8	54.4 56.0	
IV 10000 9000	54.8 56.1	56.5 57.8	57.3 58.8	58.3 59.6	58.6 59.9	58.6 59.9	58.9 60.2	59.1 60.4	59.1 60.4	59.2 60.5	59.2 60.5	59.2 60.5	59.2 60.5	59.2 60.5	59.3 60.7	
IV 3000 7000	58.4 60.7	60.4 63.2	61.5 64.3	62.3 65.0	62.6 65.4	62.6 65.4	63.0 65.7	63.2 65.9	63.2 65.9	63.3 66.0	63.3 66.0	63.3 66.0	63.3 66.0	63.3 66.0	63.4 66.1	
IV 6000 5000	62.4 66.1	64.9 68.9	66.1 70.4	67.0 71.8	67.3 72.2	67.3 72.3	67.7 72.7	67.9 72.9	67.9 72.9	68.0 73.0	68.0 73.0	68.0 73.0	68.0 73.0	68.0 73.0	68.1 73.1	
IV 4500 4000	67.9 69.2	70.7 72.5	72.2 74.3	73.6 76.2	74.3 76.8	74.4 77.0	74.8 77.3	75.0 77.8	75.0 77.8	75.1 77.9	75.1 77.9	75.1 77.9	75.1 77.9	75.1 77.9	75.2 78.0	
IV 3500 3000	70.1 70.4	73.3 74.0	75.2 75.8	77.2 77.8	77.8 78.4	78.1 78.9	78.6 79.3	78.9 79.7	78.9 79.7	79.0 79.8	79.0 79.8	79.0 79.8	79.0 79.8	79.0 79.8	79.1 79.9	
IV 2500 2000	71.0 71.7	74.6 75.4	76.6 77.4	78.7 79.7	79.6 80.7	79.9 81.0	80.4 81.5	80.8 81.9	80.8 81.9	80.9 82.0	80.9 82.0	80.9 82.0	80.9 82.0	80.9 82.0	81.0 82.1	
IV 1800 1500	71.9 72.5	75.6 76.6	77.6 78.0	80.0 81.3	81.0 82.3	81.3 82.7	81.9 83.3	82.2 83.6	82.2 83.7	82.3 83.9	82.3 83.9	82.3 83.9	82.3 83.9	82.3 83.9	82.4 84.0	
IV 1200 1000	72.7 73.7	76.8 77.2	79.0 79.3	81.5 82.1	82.7 83.3	83.7 84.3	84.4 85.2	84.7 85.6	84.8 85.8	85.0 86.0	85.0 86.0	85.0 86.1	85.1 86.2	85.1 86.2	85.2 86.3	
IV 900 800	73.2 73.2	77.4 77.4	79.6 79.7	82.8 83.1	84.0 84.3	85.6 86.0	86.3 86.8	86.7 87.1	87.3 87.9	87.5 88.3	87.5 88.3	87.7 88.4	87.8 88.5	87.8 88.5	87.9 88.6	
IV 700 600	73.2 73.2	77.4 77.4	79.8 79.8	83.4 83.4	84.6 84.6	86.4 86.4	87.2 87.3	87.5 87.7	88.4 88.5	89.0 89.1	89.0 89.1	89.1 89.2	89.2 89.4	89.2 89.4	89.3 89.5	
IV 500 400	73.3 73.3	77.6 77.6	80.1 80.2	83.7 84.0	85.0 85.4	87.0 87.7	87.9 89.2	88.2 89.5	89.3 90.6	90.2 91.6	90.3 91.7	90.5 91.9	90.7 92.3	90.7 92.3	90.8 92.6	
IV 300 200	73.3 73.3	77.6 77.7	80.2 80.3	84.3 84.4	85.6 85.7	88.0 88.1	89.6 89.7	90.1 90.2	91.3 91.7	92.9 93.3	93.1 93.6	93.4 94.4	94.1 95.2	94.6 96.1	94.9 96.3	
IV 100 0	73.3 73.3	77.7 77.7	80.3 80.3	84.4 84.4	85.7 85.7	88.1 88.1	89.7 89.7	90.2 90.2	91.7 91.7	93.4 93.4	93.8 93.8	94.9 94.9	96.0 96.0	97.4 97.4	100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS 915

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

94733

FORT HEAD, MARYLAND/TIPTON AAF

60-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.4	46.2	47.1	47.4	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 18000	50.6	53.4	54.2	55.0	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.8
≥ 16000	50.7	53.5	54.3	55.1	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.9
≥ 14000	51.1	53.9	54.8	55.5	55.7	55.8	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4
≥ 12000	51.6	54.3	55.2	55.9	56.2	56.3	56.6	56.6	56.6	56.6	56.7	56.7	56.8	56.8	56.9
≥ 10000	54.1	56.9	58.1	58.8	59.1	59.2	59.5	59.5	59.5	59.5	59.7	59.7	59.8	59.8	59.9
≥ 8000	57.2	60.2	61.8	62.6	62.8	62.9	63.2	63.2	63.2	63.5	63.5	63.6	63.6	63.6	63.7
≥ 7000	57.8	60.9	62.5	63.2	63.5	63.6	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.3
≥ 6000	59.2	62.7	64.5	65.2	65.5	65.6	65.9	65.9	65.9	66.1	66.1	66.2	66.2	66.2	66.3
≥ 5000	60.2	63.9	65.9	66.8	67.0	67.1	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.2
≥ 4500	61.6	65.5	67.5	68.4	68.8	68.9	69.5	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.1
≥ 4000	64.6	69.0	71.4	72.6	73.3	73.5	74.1	74.3	74.4	74.7	74.7	74.8	74.8	74.8	74.9
≥ 3500	64.8	69.6	72.0	73.2	74.2	74.4	74.9	75.1	75.2	75.6	75.6	75.7	75.7	75.7	75.8
≥ 3000	66.2	71.6	74.8	76.1	77.1	77.5	78.0	78.2	78.3	78.8	78.8	78.9	78.9	79.0	79.1
≥ 2500	66.7	72.1	75.5	76.7	77.8	78.2	78.9	79.2	79.4	79.7	79.7	79.8	79.8	80.0	80.1
≥ 2000	67.0	72.8	76.2	77.5	78.7	79.1	79.8	80.2	80.4	80.7	80.7	80.8	80.8	80.9	81.0
≥ 1800	67.5	73.3	77.0	78.3	79.6	80.1	80.8	81.1	81.4	81.8	81.8	81.9	81.9	82.0	82.1
≥ 1500	67.7	73.6	77.3	78.8	80.1	80.7	81.5	81.8	82.0	82.4	82.4	82.5	82.5	82.6	82.7
≥ 1200	67.7	73.6	77.4	78.9	80.2	80.8	81.6	81.9	82.1	82.5	82.5	82.6	82.6	82.7	82.9
≥ 1000	68.0	74.1	78.1	79.6	80.7	81.8	82.7	83.1	83.4	84.0	84.0	84.1	84.1	84.2	84.4
≥ 900	68.0	74.3	78.6	80.4	81.9	82.9	83.9	84.2	84.6	85.2	85.2	85.3	85.3	85.4	85.5
≥ 800	68.5	75.0	79.5	81.4	82.9	84.0	85.2	85.5	86.0	86.6	86.6	87.1	87.2	87.4	87.5
≥ 700	68.6	75.1	79.7	81.6	83.1	84.5	85.6	86.0	86.6	87.2	87.2	87.8	87.9	88.0	88.1
≥ 600	68.8	75.3	80.1	81.9	83.4	85.0	86.2	86.6	87.4	88.2	88.2	88.9	89.0	89.1	89.2
≥ 500	68.9	75.5	80.3	82.1	83.6	85.2	86.5	86.9	87.8	88.7	88.7	89.5	89.6	89.7	89.8
≥ 400	68.9	75.5	80.4	82.2	83.7	85.3	86.6	87.0	88.0	89.0	89.1	89.8	89.9	90.0	90.1
≥ 300	69.0	75.6	80.6	82.7	84.2	86.1	87.3	87.9	89.2	90.2	90.6	91.9	92.1	92.4	92.5
≥ 200	69.0	75.6	80.6	82.7	84.2	86.2	87.6	88.1	89.8	91.2	91.6	93.2	93.6	94.3	94.4
≥ 100	69.0	75.6	80.6	82.7	84.2	86.3	87.8	88.6	90.7	92.4	92.8	94.5	95.3	96.0	96.1
0	69.0	75.6	80.6	82.7	84.2	86.3	87.9	88.7	90.8	93.1	93.7	95.9	96.9	98.2	99.6
	69.0	75.6	80.6	82.7	84.2	86.3	87.9	88.7	90.8	93.1	93.7	95.9	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.9	46.6	47.9	48.1	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 18000	54.7	55.4	57.2	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 16000	54.7	55.8	57.2	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 14000	55.7	56.9	58.3	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 12000	58.4	59.6	61.0	61.5	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 10000	61.3	62.7	64.4	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000	61.7	63.1	64.8	65.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 8000	63.2	65.0	66.8	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 7000	65.0	66.7	68.5	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	65.6	67.3	69.2	69.8	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 5000	68.4	70.2	72.9	73.8	74.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 4500	67.0	71.0	73.8	74.9	75.2	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0
IV 4000	72.1	74.6	77.7	79.0	79.3	79.8	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2
IV 3500	72.7	75.1	78.3	79.7	80.1	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
IV 3000	73.1	75.6	79.0	80.6	80.9	81.6	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1
IV 2500	73.6	76.1	79.5	81.2	81.6	82.3	82.5	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9
IV 2000	73.0	76.4	80.0	81.7	82.1	83.0	83.2	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6
IV 1800	73.8	76.4	80.0	81.7	82.1	83.0	83.2	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6
IV 1500	74.2	77.2	80.7	82.6	83.2	84.1	84.5	84.6	84.7	84.8	85.0	85.0	85.0	85.0	85.0
IV 1200	74.4	77.4	81.0	83.2	83.7	84.9	85.2	85.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7
IV 1000	74.7	77.8	81.5	83.6	84.1	85.3	85.9	86.0	86.3	86.4	86.6	86.7	86.7	86.8	86.8
IV 900	74.7	77.9	81.6	83.7	84.2	85.5	86.2	86.3	86.6	86.8	87.0	87.1	87.1	87.2	87.2
IV 800	74.7	77.9	81.6	84.0	85.0	86.5	87.2	87.5	87.9	88.5	88.7	89.2	89.2	89.3	89.3
IV 700	74.7	77.9	81.6	84.1	85.3	87.1	87.9	88.1	88.7	89.3	89.7	90.2	90.2	90.4	90.4
IV 600	74.6	78.1	81.8	84.9	86.2	88.0	89.0	89.2	90.1	91.0	91.2	91.9	92.1	92.2	92.2
IV 500	74.8	78.2	81.9	85.0	86.3	88.5	89.5	89.7	91.5	92.7	92.9	94.1	94.4	94.7	94.7
IV 400	74.8	78.2	82.0	85.1	86.7	89.2	90.1	90.6	92.8	94.2	94.5	95.8	96.2	96.7	96.8
IV 300	74.8	78.2	82.0	85.1	86.7	89.2	90.4	90.8	93.1	94.6	95.0	96.7	97.3	97.9	98.0
IV 200	74.8	78.2	82.0	85.1	86.7	89.2	90.4	91.0	93.4	95.0	95.3	97.1	97.9	98.6	99.0
IV 100	74.8	78.2	82.0	85.1	86.7	89.2	90.4	91.0	93.4	95.1	95.4	97.3	98.2	98.9	99.9
IV 0	74.8	78.2	82.0	85.1	86.7	89.2	90.4	91.0	93.4	95.1	95.4	97.3	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 933

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03733

FORT MEADE MARYLAND/TIPTON AAF

60-70

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.2	46.6	48.0	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000 N 16000	52.5	53.1	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000 N 12000	52.6	53.2	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000 N 9000	53.7	54.2	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000 N 7000	55.3	55.8	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000 N 5000	59.9	61.5	64.0	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500 N 4000	60.3	62.0	64.4	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3500 N 3000	64.3	66.5	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500 N 2000	75.6	67.7	70.2	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800 N 1500	66.1	68.3	70.8	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200 N 1000	68.5	71.3	74.0	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 900 N 800	69.6	72.7	75.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0
≥ 700 N 600	72.1	75.8	79.1	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
≥ 500 N 400	72.9	76.7	80.1	81.2	81.5	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
≥ 300 N 200	73.1	77.7	81.1	82.5	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 100 N 0	73.4	78.1	81.6	83.0	83.4	83.4	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8
	74.1	78.8	82.3	84.1	84.7	84.7	85.1	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6
	74.3	79.1	82.6	84.5	85.0	85.0	85.4	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0
	74.7	79.6	83.4	85.3	86.0	86.3	86.7	86.7	87.1	87.2	87.4	87.4	87.4	87.4	87.4
	74.8	79.7	83.8	85.7	86.4	86.9	87.5	87.5	88.0	88.1	88.2	88.3	88.3	88.3	88.3
	74.8	79.7	83.8	86.0	86.6	87.1	87.7	87.7	88.4	88.9	89.1	89.2	89.2	89.2	89.2
	74.9	79.8	83.9	86.1	86.8	87.3	88.0	88.1	88.9	89.6	89.0	89.9	89.9	89.9	89.9
	74.9	79.8	83.9	86.2	87.7	88.3	89.1	89.3	90.1	91.0	91.2	91.4	91.4	91.4	91.4
	74.9	79.8	84.0	86.3	88.0	88.6	89.7	89.9	90.8	92.0	92.2	92.6	92.6	92.6	92.6
	74.9	79.8	84.0	86.3	88.1	89.0	90.4	90.6	91.9	93.1	93.4	93.9	94.0	94.0	94.0
	74.9	79.8	84.0	86.3	88.1	89.1	90.6	91.1	92.7	94.3	94.6	95.4	95.5	95.7	95.7
	74.9	80.2	84.4	86.6	88.4	89.4	91.0	91.5	94.0	95.6	95.9	96.9	97.0	97.3	97.3
	75.0	80.3	84.5	86.7	88.5	89.5	91.5	92.1	94.6	96.5	96.8	98.1	98.4	98.7	98.7
	75.0	80.3	84.5	86.7	88.5	89.5	91.5	92.1	94.6	96.5	96.8	98.1	98.4	98.7	98.7
	75.0	80.3	84.5	86.7	88.5	89.5	91.5	92.1	94.6	96.5	96.8	98.2	98.5	99.4	99.7
	75.0	80.3	84.5	86.7	88.5	89.5	91.5	92.1	94.6	96.5	96.8	98.2	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 923

USAF ETAC FORM JUL 64 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1000-2000
HOURS (LTT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.7	47.7	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 18000	52.8	54.3	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	52.8	54.3	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 14000	53.4	54.9	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 12000	55.4	57.1	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 10000	59.5	61.3	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 9000	60.5	62.3	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 8000	64.4	66.7	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 7000	65.5	67.8	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 6000	68.0	70.6	72.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 5000	70.0	73.1	75.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500	70.8	74.1	76.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4000	73.7	77.0	79.6	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3500	74.2	77.5	80.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3000	74.5	78.6	81.3	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 2500	74.6	78.7	81.5	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2000	75.4	79.9	82.8	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1800	75.5	80.0	83.1	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 1500	75.9	80.7	83.7	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	75.9	80.7	83.8	85.6	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	75.9	80.7	84.1	86.0	86.4	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 900	76.0	80.8	84.2	86.1	86.5	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 800	76.0	80.9	84.3	86.4	87.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 700	76.0	80.9	84.3	86.5	87.1	88.3	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 600	76.4	81.3	84.7	87.0	87.7	89.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 500	76.4	81.3	84.8	87.1	88.0	90.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 400	76.4	81.3	84.8	87.1	88.0	90.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 300	76.4	81.3	84.8	87.1	88.0	90.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 200	76.4	81.3	84.8	87.1	88.0	90.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 100	76.4	81.3	84.8	87.1	88.0	90.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 0	76.4	81.3	84.8	87.1	88.0	90.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC

FORM
JUL 44

0-14-5(OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2200

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.2 51.5	47.6 52.2	48.3 53.2	48.7 53.5	48.7 53.5	48.7 53.5	48.8 53.6	48.8 53.9	49.0 53.9	49.0 53.9	49.0 53.9	49.0 53.9	49.0 53.9	49.0 53.9	49.0 53.9
IV 18000 IV 16000	51.7 51.8	52.4 52.6	53.4 53.5	53.8 53.9	53.8 53.9	53.8 53.9	53.9 54.0	53.9 54.0	54.1 54.3	54.1 54.3	54.1 54.3	54.1 54.3	54.1 54.3	54.1 54.3	54.1 54.3
IV 14000 IV 12000	52.2 53.8	52.9 54.5	53.9 55.5	54.3 56.0	54.3 56.0	54.3 56.0	54.4 56.1	54.4 56.1	54.6 56.3	54.6 56.3	54.6 56.3	54.6 56.3	54.6 56.3	54.6 56.3	54.6 56.3
IV 10000 IV 9000	59.1 60.0	60.0 60.8	61.2 62.2	61.7 62.7	61.7 62.7	61.7 62.7	61.8 62.8	61.8 62.8	62.0 63.0	62.0 63.0	62.0 63.0	62.0 63.0	62.0 63.0	62.0 63.0	62.0 63.0
IV 8000 IV 7000	63.6 65.1	64.7 66.4	66.1 67.8	66.5 68.2	66.5 68.2	66.5 68.2	66.7 68.4	66.7 68.4	66.9 68.6	66.9 68.6	66.9 68.6	66.9 68.6	66.9 68.6	66.9 68.6	66.9 68.6
IV 6000 IV 5000	68.2 70.9	69.8 72.7	71.3 74.6	71.9 75.2	71.9 75.2	71.9 75.2	72.0 75.3	72.0 75.3	72.3 75.5	72.3 75.5	72.3 75.5	72.3 75.5	72.3 75.5	72.3 75.5	72.3 75.5
IV 4500 IV 4000	72.1 73.8	74.0 75.7	75.9 77.9	76.5 78.6	76.5 78.6	76.5 78.6	76.6 78.7	76.6 78.7	76.9 79.0	76.9 79.0	76.9 79.0	76.9 79.0	76.9 79.0	76.9 79.0	76.9 79.0
IV 3500 IV 3000	74.3 75.5	76.5 78.1	79.1 81.0	79.9 81.9	80.0 82.0	80.0 82.0	80.2 82.1	80.2 82.1	80.4 82.4	80.4 82.4	80.4 82.4	80.4 82.4	80.4 82.4	80.4 82.4	80.4 82.4
IV 2500 IV 2000	75.9 76.3	78.8 79.3	81.9 82.4	82.8 83.6	83.0 83.7	83.0 83.7	83.1 83.8	83.1 83.8	83.3 84.1	83.3 84.1	83.3 84.1	83.3 84.1	83.3 84.1	83.3 84.1	83.3 84.1
IV 1800 IV 1500	76.3 76.4	79.3 79.9	82.5 83.6	83.7 85.0	83.8 85.2	83.8 85.4	83.9 85.5	83.9 85.5	84.2 85.8	84.2 85.8	84.2 85.8	84.2 85.8	84.2 85.8	84.2 85.8	84.2 85.8
IV 1200 IV 1000	76.9 77.1	80.4 80.7	84.1 84.3	85.6 85.9	86.0 86.0	86.5 86.9	86.6 87.2	86.6 87.6	87.0 87.8	87.0 87.8	87.0 87.8	87.0 87.8	87.0 87.8	87.0 87.8	87.0 87.8
IV 900 IV 800	77.1 77.1	80.7 80.8	84.3 84.4	85.9 86.5	86.3 87.0	87.6 88.3	88.1 88.8	88.4 89.2	88.7 89.4	88.8 89.8	88.8 89.7	88.8 89.7	88.8 89.7	88.8 89.7	88.8 89.7
IV 700 IV 600	77.1 77.4	81.0 81.3	84.7 85.3	86.7 87.5	87.2 88.0	88.7 89.5	89.2 90.1	89.5 90.5	89.9 90.9	90.4 91.6	90.4 91.6	90.4 91.6	90.4 91.6	90.4 91.6	90.4 91.6
IV 500 IV 400	77.5 77.5	81.4 81.4	85.5 85.5	87.7 87.8	88.7 88.8	90.4 90.8	91.0 91.5	91.8 92.3	92.2 92.7	93.3 93.8	93.3 93.8	93.3 93.8	93.3 93.8	93.3 93.8	93.3 93.8
IV 300 IV 200	77.5 77.5	81.4 81.4	85.5 85.5	88.0 88.0	88.9 88.9	90.9 90.9	91.7 91.8	92.6 92.7	93.2 93.4	94.3 94.6	94.6 95.0	94.6 95.0	94.6 95.0	94.6 95.0	94.6 95.0
IV 100 IV 0	77.5 77.5	81.4 81.4	85.5 85.5	88.0 88.0	88.9 88.9	90.9 90.9	91.8 91.8	92.7 92.7	93.4 93.4	94.8 94.8	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1	95.1 95.1

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

50-66

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.7 60.5	55.7 60.5	55.8 60.6	56.2 60.9	56.3 61.1	56.6 61.4	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5	56.6 61.5
IV 18000 IV 16000	60.5 60.5	60.5 60.5	60.6 60.6	60.9 60.9	61.1 61.1	61.4 61.4	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5	61.5 61.5
IV 14000 IV 12000	60.9 61.7	60.9 61.7	61.1 61.8	61.4 62.2	61.5 62.3	61.8 62.6	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8	62.0 62.8
IV 10000 IV 9000	64.9 66.6	64.9 66.6	65.1 66.8	65.7 67.4	65.8 67.5	66.2 67.8	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0	66.3 68.0
IV 8000 IV 7000	70.6 71.8	70.6 72.0	70.8 72.2	71.4 72.8	71.7 73.1	72.0 73.5	72.2 73.8	72.2 73.8	72.3 74.2	72.3 74.2	72.3 74.2	72.3 74.2	72.3 74.2	72.3 74.2	72.3 74.2
IV 6000 IV 5000	73.4 76.6	73.3 76.9	74.2 77.5	74.6 78.2	75.1 78.5	75.5 78.9	75.8 79.2	75.8 79.4	76.2 79.7	76.2 79.7	76.2 79.7	76.2 79.7	76.2 79.7	76.2 79.7	76.2 79.7
IV 4500 IV 4000	77.1 78.0	77.4 78.5	78.0 79.1	78.6 79.8	78.9 80.2	79.4 80.6	79.7 80.9	79.8 81.1	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4
IV 3500 IV 3000	78.3 78.5	79.1 79.7	79.7 80.3	80.5 81.1	80.8 81.4	81.2 82.0	81.5 82.3	81.7 82.5	82.0 82.8	82.0 82.8	82.0 82.8	82.0 82.8	82.0 82.8	82.0 82.8	82.0 82.8
IV 2500 IV 2000	78.6 78.9	80.3 80.6	80.9 81.2	81.7 82.3	82.0 82.6	82.6 83.2	83.2 83.8	83.4 84.0	83.7 84.3	83.7 84.3	83.7 84.3	83.7 84.3	83.7 84.3	83.7 84.3	83.7 84.3
IV 1800 IV 1500	79.1 79.2	80.8 80.9	81.7 82.0	82.8 83.1	83.1 83.5	83.7 84.3	84.3 84.9	84.5 85.1	84.8 85.4	84.8 85.4	84.8 85.4	84.8 85.4	84.8 85.4	84.8 85.4	84.9 85.5
IV 1200 IV 1000	79.5 79.8	81.5 82.5	82.9 83.8	84.0 84.9	84.5 85.4	85.4 86.3	86.2 87.1	86.3 87.2	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.6 87.7	86.8 87.8
IV 900 IV 800	79.8 79.8	82.5 82.5	84.0 84.0	85.1 85.1	85.5 85.5	86.0 86.6	87.4 87.4	87.5 87.5	88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2	88.2 88.2	88.3 88.3
IV 700 IV 600	80.0 80.2	82.6 82.8	84.2 84.3	86.2 86.3	86.8 86.9	88.2 88.3	88.9 89.7	89.1 89.8	89.7 90.5	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.8 90.9
IV 500 IV 400	80.2 80.2	82.9 82.9	84.9 85.4	86.9 87.8	87.5 88.6	89.1 90.5	90.9 92.9	91.2 93.5	92.0 94.5	92.2 94.9	92.2 94.9	92.2 94.9	92.2 94.9	92.2 94.9	92.8 95.8
IV 300 IV 200	80.2 80.2	82.9 82.9	85.4 85.4	87.8 87.8	88.6 88.6	90.5 90.5	92.9 92.9	93.7 93.7	94.9 94.9	95.5 95.5	95.5 95.5	95.5 95.5	95.5 95.5	95.5 95.5	97.1 97.1
IV 100 IV 0	80.2 80.2	82.9 82.9	85.4 85.4	87.8 87.8	88.6 88.6	90.5 90.5	92.9 92.9	93.7 93.7	95.1 95.1	96.2 96.2	96.2 96.2	96.2 96.2	96.2 96.2	96.2 96.2	98.1 98.1

TOTAL NUMBER OF OBSERVATIONS 650

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT BEADE MARYLAND/TIPTON AAF
STATION NAME60-66
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0300-0300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	55.5 60.6	56.5 61.9	56.5 62.2	56.7 62.4	56.7 62.4	57.0 62.7	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	57.2 63.0	
IV 18000 16000	60.6 60.6	61.9 61.9	62.2 62.2	62.4 62.4	62.4 62.4	62.7 62.7	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	63.0 63.0	
IV 14000 12000	60.7 61.5	62.1 62.9	62.4 63.2	62.6 63.3	62.6 63.3	62.9 63.6	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	63.2 63.9	
IV 10000 9000	63.8 66.1	65.2 67.5	65.5 67.8	65.6 68.0	65.6 68.0	65.9 68.3	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	66.3 68.6	
IV 8000 7000	68.9 70.1	70.3 71.5	70.6 71.8	70.7 72.1	70.7 72.1	71.0 72.4	71.8 73.2	71.8 73.2	72.0 73.3	72.0 73.3	72.0 73.3	72.0 73.3	72.0 73.3	72.0 73.3	72.0 73.3	
IV 6000 5000	71.6 74.7	73.3 76.6	73.8 77.0	74.1 77.3	74.1 77.3	74.4 77.7	75.2 78.4	75.2 78.6	75.3 78.7	75.3 78.7	75.3 78.7	75.3 78.7	75.3 78.7	75.3 78.7	75.3 78.7	
IV 4500 4000	75.0 76.9	77.3 79.5	77.8 80.0	78.1 80.3	78.1 80.3	78.4 80.6	79.2 81.4	79.4 81.5	79.5 81.7	79.5 81.7	79.5 81.7	79.5 81.7	79.5 81.7	79.5 81.7	79.5 81.7	
IV 3500 3000	77.3 77.5	80.3 80.7	80.7 81.2	81.0 81.5	81.0 81.5	81.4 81.8	82.1 82.6	82.3 82.7	82.4 82.9	82.4 82.9	82.4 82.9	82.4 82.9	82.4 82.9	82.4 82.9	82.4 82.9	
IV 2500 2000	77.7 78.3	81.5 82.1	82.0 82.7	82.3 83.1	82.3 83.1	82.6 83.4	83.4 84.1	83.5 84.3	83.8 84.6	83.8 84.6	83.8 84.6	83.8 84.6	83.8 84.6	83.8 84.6	83.8 84.6	
IV 1800 1500	78.4 78.6	82.6 82.7	83.2 83.4	83.5 83.7	83.5 83.7	83.8 84.0	84.6 84.7	84.7 84.9	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.2 85.5	
IV 1200 1000	78.7 78.9	82.9 83.1	83.5 83.7	84.0 84.3	84.0 84.4	84.3 84.9	85.1 85.7	85.2 85.8	85.7 86.3	85.7 86.3	85.7 86.3	85.7 86.3	85.7 86.3	85.7 86.3	85.8 86.4	
IV 900 800	78.9 78.9	83.1 83.1	83.7 83.7	84.3 84.3	84.3 84.4	84.9 84.9	85.7 85.7	85.8 85.8	86.3 86.3	86.3 86.3	86.3 86.3	86.3 86.4	86.3 86.4	86.3 86.4	86.4 86.6	
IV 700 600	78.9 78.9	83.2 83.2	84.1 84.3	84.7 84.9	84.9 85.1	85.5 85.7	86.3 86.7	86.4 86.9	86.9 87.7	86.9 87.7	86.9 87.7	87.1 87.8	87.1 87.8	87.1 87.8	87.2 88.0	
IV 500 400	78.9 78.9	83.2 83.2	84.3 84.6	84.9 85.4	85.1 85.7	85.7 86.6	86.7 88.6	87.4 88.8	88.3 89.7	88.6 90.1	88.6 90.1	88.9 90.8	88.9 90.8	89.2 91.2	89.4 91.4	
IV 300 200	78.9 78.9	83.2 83.2	85.1 85.2	86.0 86.3	86.3 86.6	88.0 88.3	90.8 91.5	91.5 92.3	92.8 93.8	93.2 94.5	93.2 94.5	94.5 96.1	94.5 96.3	95.1 96.9	95.2 97.1	
IV 100 0	78.9 78.9	83.2 83.2	85.2 85.2	86.3 86.3	86.6 86.6	88.3 88.3	91.5 91.5	92.3 92.3	93.8 93.8	94.6 94.6	94.6 94.6	96.9 97.1	97.4 97.7	98.2 98.5	98.3 100.0	

TOTAL NUMBER OF OBSERVATIONS 649

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92733
STATION

FORT MEADE MARYLAND/TIPTON AAF

60-70
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING IV 20000	47.1 50.9	50.2 54.5	50.9 55.6	51.2 56.4	51.3 56.5	51.5 56.7	51.5 57.0	51.6 57.1	51.6 57.2	51.6 57.2	51.6 57.2	51.6 57.3	51.6 57.3	51.6 57.3	51.6 57.3	
IV 18000 IV 16000	50.9 51.0	54.5 54.6	55.6 55.7	56.4 56.5	56.5 56.6	56.7 56.8	57.0 57.1	57.1 57.2	57.2 57.3	57.2 57.3	57.2 57.3	57.3 57.4	57.3 57.4	57.3 57.4	57.3 57.4	
IV 14000 IV 12000	51.5 52.5	55.1 56.5	56.4 57.9	57.2 58.7	57.3 58.8	57.5 59.0	57.8 59.3	57.9 59.4	58.0 59.6	58.0 59.6	58.0 59.7	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	
IV 10000 IV 9000	54.9 56.0	59.1 60.2	60.8 61.9	61.7 62.8	61.8 62.9	62.0 63.1	62.3 63.4	62.4 63.5	62.6 63.7	62.6 63.7	62.7 63.8	62.9 64.0	62.9 64.0	62.9 64.0	62.9 64.0	
IV 8000 IV 7000	55.1 59.8	62.5 64.5	64.2 66.2	65.1 67.1	65.2 67.2	65.4 67.4	65.9 67.9	66.2 68.2	66.5 68.5	66.5 68.6	66.6 68.7	67.0 69.2	67.1 69.3	67.1 69.3	67.1 69.3	
IV 6000 IV 5000	62.4 66.4	67.3 71.7	69.1 73.8	70.1 75.3	70.2 75.4	70.5 75.8	71.0 76.3	71.4 76.7	71.7 77.0	71.8 77.1	71.9 77.2	72.4 77.7	72.5 77.8	72.5 77.8	72.5 77.8	
IV 4500 IV 4000	67.5 68.1	73.0 74.0	75.1 76.4	76.7 78.0	76.8 78.1	77.2 78.5	77.7 79.0	78.1 79.4	78.4 79.7	78.5 79.8	78.6 79.9	79.1 80.4	79.2 80.5	79.2 80.5	79.2 80.5	
IV 3500 IV 3000	68.3 69.0	74.3 75.2	76.7 77.8	78.4 79.6	78.5 79.8	78.9 80.2	79.5 80.8	79.9 81.2	80.2 81.5	80.3 81.6	80.4 81.7	80.9 82.2	81.0 82.3	81.0 82.3	81.0 82.3	
IV 2500 IV 2000	69.3 69.9	75.6 76.4	78.3 79.4	80.1 81.2	80.3 81.4	80.7 81.8	81.3 82.4	81.7 82.8	82.0 83.1	82.1 83.2	82.2 83.3	82.7 83.7	82.8 83.8	82.8 83.8	82.8 83.8	
IV 1800 IV 1500	69.9 70.0	76.4 76.6	79.5 79.7	81.4 81.8	81.7 82.1	82.1 82.7	82.7 83.4	83.1 83.8	83.3 84.1	83.4 84.2	83.5 84.4	84.0 84.9	84.1 85.0	84.1 85.0	84.1 85.0	
IV 1200 IV 1000	70.0 70.2	76.6 76.8	79.7 80.2	81.8 82.6	82.1 83.1	82.7 83.8	83.4 84.7	83.8 85.1	84.2 85.6	84.3 85.7	84.6 85.9	84.8 86.8	85.6 86.9	85.7 86.9	85.7 86.9	
IV 900 IV 800	70.3 70.3	76.9 76.9	80.3 80.3	82.8 82.8	83.3 83.3	84.1 84.4	85.0 85.4	85.4 85.8	85.9 86.4	86.0 86.5	86.2 86.7	87.3 87.9	87.4 88.0	87.4 88.0	87.4 88.0	
IV 700 IV 600	70.5 70.5	77.1 77.2	80.5 80.7	83.1 83.3	83.5 83.8	84.7 85.2	86.0 86.8	86.4 87.2	87.0 87.9	87.1 88.1	87.3 88.4	88.5 89.6	88.6 89.8	88.6 89.8	88.6 89.8	
IV 500 IV 400	70.5 70.6	77.4 77.5	80.9 81.3	83.6 84.1	84.3 85.0	85.9 86.7	87.8 88.7	88.4 89.4	89.4 90.7	89.9 91.6	90.2 92.2	91.5 93.6	91.7 93.9	91.9 94.2	91.9 94.2	
IV 300 IV 200	70.6 70.6	77.5 77.5	81.5 81.5	84.4 84.5	85.3 85.4	87.3 87.4	89.4 89.6	90.1 90.3	91.9 92.2	93.0 93.5	93.6 94.1	95.1 96.5	95.6 97.2	96.1 97.8	96.3 98.4	
IV 100 IV 0	70.6 70.6	77.5 77.5	81.5 81.5	84.5 84.5	85.4 85.4	87.4 87.4	89.6 89.6	90.3 90.3	92.2 92.2	93.6 93.6	94.2 94.2	96.7 96.7	97.5 97.5	98.5 98.5	99.6 100.0	

TOTAL NUMBER OF OBSERVATIONS 1003

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.1 52.1	48.7 55.3	49.3 56.4	49.4 56.6	49.7 57.0	49.7 57.0	49.7 57.0	49.7 57.0	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.2	49.8 57.2
IVV 18000	52.1	55.3	56.4	56.6	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
IVV 16000	52.1	55.3	56.4	56.6	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
IVV 14000	53.0	56.3	57.4	57.6	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5
IVV 12000	55.2	58.7	59.7	59.9	60.5	60.5	60.5	60.5	60.6	60.6	60.7	60.8	60.8	60.9	60.9
IVV 10000	56.8	50.6	61.8	62.0	62.6	62.6	62.6	62.6	62.7	62.8	62.9	63.0	63.0	63.0	63.0
IVV 9000	58.3	62.1	63.2	63.4	64.0	64.0	64.0	64.0	64.1	64.2	64.3	64.4	64.4	64.5	64.5
IVV 8000	61.3	65.4	66.6	66.8	67.4	67.4	67.5	67.5	67.6	67.7	67.8	68.0	68.0	68.1	68.1
IVV 7000	62.6	66.8	68.0	68.4	69.2	69.2	69.3	69.3	69.4	69.5	69.6	69.8	69.8	69.9	69.9
IVV 6000	65.1	69.5	70.8	71.2	72.0	72.0	72.1	72.1	72.2	72.3	72.4	72.6	72.6	72.7	72.7
IVV 5000	67.9	72.6	74.3	74.9	75.8	75.8	76.0	76.0	76.1	76.1	76.2	76.4	76.4	76.5	76.5
IVV 4500	69.1	74.0	75.7	76.2	77.1	77.1	77.3	77.3	77.4	77.5	77.6	77.8	77.8	77.9	77.9
IVV 4000	70.6	75.8	77.5	78.2	79.1	79.1	79.3	79.3	79.4	79.5	79.6	79.8	79.8	79.9	79.9
IVV 3500	71.2	76.4	78.3	79.0	79.9	79.9	80.2	80.2	80.3	80.4	80.4	80.6	80.6	80.7	80.7
IVV 3000	71.7	76.9	78.9	79.7	80.7	80.7	81.0	81.0	81.1	81.2	81.3	81.5	81.5	81.6	81.6
IVV 2500	72.1	77.5	79.6	80.4	81.5	81.5	81.8	81.8	81.9	82.0	82.1	82.3	82.3	82.4	82.4
IVV 2000	73.1	78.6	80.8	81.7	83.0	83.1	83.4	83.4	83.5	83.6	83.7	83.9	83.9	84.0	84.0
IVV 1800	73.2	78.7	81.0	81.9	83.2	83.3	83.6	83.6	83.7	83.8	83.9	84.1	84.1	84.2	84.2
IVV 1500	73.6	79.4	81.9	82.8	84.1	84.2	84.5	84.5	84.6	84.7	84.8	84.9	84.9	85.0	85.0
IVV 1200	74.4	80.6	83.5	84.7	86.0	86.1	86.6	86.6	86.8	86.9	87.0	87.2	87.2	87.3	87.3
IVV 1000	74.4	81.2	84.2	85.4	86.8	87.3	87.8	87.8	88.0	88.1	88.2	88.4	88.4	88.5	88.5
IVV 900	74.5	81.4	84.5	85.8	87.3	87.9	88.4	88.4	88.6	88.8	88.9	89.1	89.1	89.1	89.1
IVV 800	74.5	81.6	85.0	86.4	88.0	88.7	89.1	89.1	89.4	89.6	89.7	89.9	89.9	90.0	90.0
IVV 700	74.7	81.8	85.3	86.8	88.6	89.3	89.8	89.9	90.6	90.9	91.0	91.2	91.2	91.3	91.3
IVV 600	74.7	81.8	85.6	87.1	89.1	89.9	90.7	91.0	91.7	92.2	92.3	92.5	92.5	92.6	92.6
IVV 500	74.7	81.8	85.8	87.5	89.4	90.5	91.3	91.8	92.7	93.2	93.4	93.6	93.9	94.0	94.0
IVV 400	74.7	81.8	85.9	87.6	89.6	91.0	91.8	92.5	93.7	94.2	94.5	95.0	95.5	95.6	95.6
IVV 300	74.7	81.8	85.9	87.6	89.7	91.4	92.2	93.0	94.6	95.4	95.9	96.5	97.2	97.5	97.8
IVV 200	74.7	81.8	85.9	87.6	89.7	91.4	92.2	93.1	94.9	95.9	96.9	97.7	98.3	99.0	99.4
IVV 100	74.7	81.8	85.9	87.6	89.7	91.4	92.2	93.1	94.9	95.9	96.5	97.8	98.4	99.2	99.9
IVV 0	74.7	81.8	85.9	87.6	89.7	91.4	92.2	93.1	94.9	95.9	96.5	97.8	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92733

FORT MEADE MARYLAND/TIPTON AAF

60-70

1AR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.9	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 18000	55.1	56.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 16000	55.1	56.8	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	55.9	57.6	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 12000	57.7	59.3	59.8	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 10000	60.5	62.2	62.8	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 9000	61.3	63.0	63.5	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 8000	63.0	64.7	65.5	66.0	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 7000	64.1	66.1	67.3	68.0	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 6000	65.4	67.4	68.6	69.4	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 5000	68.9	71.0	72.4	73.3	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4500	70.8	72.8	74.3	75.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 4000	74.6	77.0	78.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3500	75.4	77.9	79.7	80.7	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3000	76.8	79.5	81.3	82.4	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	77.6	80.4	82.4	83.5	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 2000	78.7	81.6	83.7	84.9	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1800	79.1	82.0	84.3	85.3	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1500	79.8	82.9	85.4	86.7	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 1200	80.6	84.0	86.9	88.5	89.3	89.4	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	80.9	84.4	87.3	89.2	90.2	90.5	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3
IV 900	81.0	84.6	87.8	89.4	90.4	90.7	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6
IV 800	81.1	84.8	87.7	89.8	91.1	91.6	92.2	92.3	92.5	92.8	92.8	92.9	92.9	92.9	92.9
IV 700	81.2	84.9	88.0	90.1	91.6	92.3	93.1	93.3	93.6	94.1	94.1	94.3	94.3	94.3	94.3
IV 600	81.2	85.0	88.1	90.4	92.1	92.9	93.6	93.8	94.5	95.1	95.1	95.4	95.5	95.5	95.5
IV 500	81.2	85.0	88.2	90.7	92.6	93.4	94.2	94.4	95.2	96.0	96.2	96.6	96.8	96.8	96.8
IV 400	81.2	85.0	88.2	90.7	92.7	93.5	94.4	94.7	96.1	97.3	97.6	97.9	98.1	98.1	98.1
IV 300	81.2	85.0	88.2	90.7	92.7	93.5	94.8	95.1	96.8	98.0	98.5	98.9	99.2	99.2	99.2
IV 200	81.2	85.0	88.2	90.7	92.7	93.5	94.8	95.1	96.8	98.2	98.8	99.3	99.9	100.0	100.0
IV 100	81.2	85.0	88.2	90.7	92.7	93.5	94.8	95.1	96.8	98.2	98.8	99.3	99.9	100.0	100.0
IV 0	81.2	85.0	88.2	90.7	92.7	93.5	94.8	95.1	96.8	98.2	98.8	99.3	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-1700
HOURS (L.F.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	55.8	57.2	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 18000	55.8	57.2	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000	55.9	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 14000	56.7	58.1	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 12000	58.5	59.9	60.1	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	62.8	64.2	64.4	64.4	64.6	64.8	64.9	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 9000	63.2	64.7	64.9	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 8000	64.9	66.4	66.6	66.6	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 7000	66.2	67.6	68.2	68.2	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 6000	67.4	68.8	69.7	69.8	70.0	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 5000	70.1	71.7	72.7	72.8	73.0	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4500	72.7	74.5	75.8	75.9	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	76.5	78.6	80.2	80.4	80.6	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3500	77.6	79.7	81.3	81.8	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3000	79.3	81.5	83.3	83.8	84.1	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2500	79.9	82.1	84.0	84.7	84.9	85.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2000	80.5	83.0	84.8	85.6	85.9	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1800	80.8	83.3	85.4	86.2	86.5	86.9	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	81.3	83.9	86.4	87.5	87.9	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1200	81.6	84.3	86.8	87.9	88.4	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1000	81.6	84.7	87.4	88.7	89.2	90.0	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 900	81.7	84.9	87.6	89.2	89.8	90.6	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	81.7	84.9	87.8	89.3	89.9	90.9	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 700	81.7	84.9	87.8	89.4	90.3	91.0	92.4	92.7	93.0	93.0	93.0	93.0	93.2	93.3	93.3
IV 600	81.8	85.1	88.0	89.8	90.8	92.1	93.0	93.3	93.6	93.9	94.0	94.2	94.3	94.4	94.5
IV 500	81.8	85.2	88.1	90.1	91.4	93.0	93.8	94.1	94.9	95.7	95.9	96.2	96.3	96.4	96.6
IV 400	81.8	85.3	88.2	90.2	91.5	93.3	94.1	94.4	95.9	97.0	97.5	97.8	97.9	98.0	98.2
IV 300	81.8	85.3	88.2	90.2	91.5	93.3	94.2	94.5	96.1	97.4	98.0	98.6	98.8	98.9	99.2
IV 200	81.8	85.3	88.2	90.2	91.5	93.3	94.2	94.5	96.1	97.4	98.0	98.8	99.3	99.4	99.7
IV 100	81.8	85.3	88.2	90.2	91.5	93.3	94.2	94.5	96.1	97.4	98.0	98.8	99.3	99.4	99.8
IV 0	81.8	85.3	88.2	90.2	91.5	93.3	94.2	94.5	96.1	97.4	98.0	98.8	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.4	56.9	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 18000	60.7	61.2	61.5	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 16000	61.2	61.6	61.9	62.0	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 14000	61.9	62.5	62.8	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	63.4	64.0	64.4	64.5	64.5	64.6	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 10000	66.7	67.5	67.9	68.0	68.0	68.1	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 9000	67.2	68.1	68.4	68.5	68.5	68.6	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	69.4	70.4	70.7	70.8	70.8	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	71.3	72.6	72.9	73.3	73.4	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 6000	71.9	73.4	73.9	74.3	74.4	74.5	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 5000	74.5	76.1	76.8	77.2	77.3	77.4	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	75.5	77.2	78.0	78.4	78.5	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4000	77.7	79.8	80.5	81.1	81.2	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	78.2	80.3	81.1	81.6	81.7	82.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3000	79.6	81.7	82.5	83.1	83.2	83.4	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	80.1	82.3	83.4	84.0	84.2	84.4	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	80.7	83.2	84.3	85.0	85.1	85.6	85.8	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 1800	80.7	83.2	84.3	85.0	85.1	85.6	85.9	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1500	81.1	83.5	84.6	85.5	85.6	86.2	86.5	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1200	81.3	83.7	84.9	86.0	86.1	86.8	87.1	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1000	81.3	83.9	85.3	86.6	86.7	87.3	87.8	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 900	81.3	84.0	85.5	86.9	87.1	87.8	88.3	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 800	81.4	84.4	86.2	87.8	88.1	88.9	89.8	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 700	81.4	84.4	86.2	87.9	88.3	89.3	90.5	91.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 600	81.5	84.5	86.7	88.8	89.4	90.4	91.6	92.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6
IV 500	81.5	84.8	87.1	89.4	90.2	91.2	92.4	93.3	94.9	94.9	94.9	95.5	95.5	95.6	95.7
IV 400	81.5	84.8	87.3	89.7	90.6	91.6	93.1	93.9	95.9	96.1	96.3	96.9	96.9	97.0	97.1
IV 300	81.5	84.8	87.3	89.7	90.9	91.9	93.3	94.3	96.4	96.6	97.0	98.1	98.7	98.8	98.9
IV 200	81.5	84.8	87.5	89.8	91.0	92.0	93.4	94.4	96.7	97.0	97.5	98.8	99.4	99.6	99.7
IV 100	81.5	84.8	87.5	89.8	91.0	92.0	93.4	94.4	96.7	97.0	97.5	98.8	99.4	99.6	99.7
IV 0	81.5	84.8	87.5	89.8	91.0	92.0	93.4	94.4	96.7	97.0	97.5	98.8	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 909

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.7	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.6
IV 18000	62.9	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	64.0
IV 16000	62.9	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	64.0
IV 14000	63.9	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
IV 12000	65.0	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.1
IV 10000	66.6	67.0	67.2	67.2	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.9
IV 9000	67.4	67.9	68.1	68.1	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.8
IV 8000	70.1	71.0	71.3	71.3	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	72.1
IV 7000	72.2	73.7	74.0	74.0	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	75.0
IV 6000	73.5	75.0	75.4	75.4	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.3
IV 5000	75.6	77.2	77.6	77.7	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.7
IV 4500	76.2	78.0	78.3	78.4	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.4
IV 4000	77.8	79.6	80.1	80.2	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.2
IV 3500	78.5	80.4	80.9	81.2	81.5	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.2
IV 3000	78.8	80.7	81.2	81.6	82.0	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
IV 2500	79.3	81.4	82.0	82.4	82.7	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.7
IV 2000	79.9	82.1	82.6	83.2	83.5	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5
IV 1800	80.1	82.3	82.9	83.5	83.8	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.8
IV 1500	80.6	82.9	83.7	84.0	85.1	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.2
IV 1200	81.3	83.8	84.6	85.9	86.2	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3
IV 1000	81.4	84.0	84.8	86.3	86.8	87.5	87.5	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.1
IV 900	81.4	84.0	84.9	86.6	86.9	87.6	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.4
IV 800	81.6	84.4	85.3	87.2	87.7	88.3	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.2
IV 700	81.7	84.7	85.9	87.9	88.3	89.2	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.3
IV 600	81.7	85.1	86.6	88.8	89.2	90.2	90.5	90.9	91.2	91.2	91.2	91.2	91.2	91.3	91.4
IV 500	81.8	85.4	86.9	89.2	90.0	91.3	91.9	92.3	93.0	93.0	93.0	93.0	93.0	93.1	93.2
IV 400	81.8	85.4	87.1	89.7	90.8	92.3	93.1	93.6	94.6	94.7	94.9	95.5	95.6	95.8	95.9
IV 300	81.8	85.4	87.1	89.7	90.8	92.4	93.3	93.8	95.0	95.3	95.6	96.1	96.6	96.8	96.9
IV 200	81.8	85.4	87.1	89.8	90.9	92.7	93.9	94.5	96.3	96.5	96.8	98.6	98.8	99.2	99.4
IV 100	81.8	85.4	87.1	89.8	90.9	92.7	93.9	94.5	96.4	96.7	97.0	98.8	99.2	99.6	99.8
IV 0	81.8	85.4	87.1	89.8	90.9	92.7	93.9	94.5	96.4	96.7	97.0	98.8	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 909

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FULT MEADE MARYLAND/TIPTON AAF

60-66-68

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	57.0	58.0	58.5	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.4	59.7
≥ 20000	59.2	60.2	60.7	61.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.7	62.1
≥ 18000	59.2	60.2	60.7	61.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.7	62.1
≥ 16000	59.2	60.2	60.7	61.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.7	62.1
≥ 14000	59.4	60.4	60.9	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.9	62.2
≥ 12000	62.7	63.7	64.2	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.3	65.6
≥ 10000	66.9	68.0	68.5	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.5	69.8
≥ 9000	67.5	68.8	69.3	69.6	69.6	69.8	70.2	70.2	70.2	70.2	70.2	70.5	70.5	70.7	71.0
≥ 8000	70.3	71.8	72.3	72.7	72.7	72.8	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.7	74.0
≥ 7000	73.2	75.2	75.7	76.1	76.1	76.4	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.2	77.6
≥ 6000	75.7	77.7	78.2	78.6	78.6	78.9	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.8	80.1
≥ 5000	78.4	80.9	81.5	81.8	81.8	82.1	82.5	82.5	82.5	82.5	82.5	82.8	82.8	83.0	83.3
≥ 4500	79.3	82.1	82.6	83.0	83.0	83.3	83.6	83.6	83.6	83.6	83.6	84.0	84.0	84.1	84.5
≥ 4000	81.6	84.7	85.2	85.8	85.8	86.2	86.5	86.5	86.5	86.5	86.5	86.8	86.8	87.0	87.4
≥ 3500	81.6	84.8	85.3	86.0	86.0	86.3	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.2	87.5
≥ 3000	81.8	84.8	85.3	86.0	86.0	86.3	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.2	87.5
≥ 2500	82.1	85.2	85.7	86.3	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.5	87.9
≥ 2000	82.6	85.7	86.2	86.8	86.8	87.2	87.5	87.5	87.5	87.5	87.5	87.9	87.9	88.0	88.4
≥ 1800	82.6	85.8	86.5	87.2	87.2	87.4	87.7	88.0	88.0	88.0	88.0	88.4	88.4	88.5	88.9
≥ 1600	83.0	86.2	87.0	87.7	88.0	88.4	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.2	89.5
≥ 1400	83.5	86.7	88.2	89.0	89.4	89.7	90.1	90.2	90.2	90.2	90.2	90.6	90.6	90.7	91.1
≥ 1200	83.6	86.8	88.4	89.2	89.5	89.9	90.2	90.4	90.4	90.4	90.4	90.7	90.7	90.9	91.2
≥ 1000	83.8	87.0	88.7	89.9	90.4	90.7	91.1	91.2	91.2	91.2	91.2	91.6	91.6	91.7	92.1
≥ 900	84.1	87.5	89.7	91.1	91.9	92.2	92.6	92.7	92.7	92.7	92.7	93.1	93.1	93.3	93.6
≥ 800	84.1	88.0	91.1	92.4	93.3	93.8	94.1	94.3	94.3	94.3	94.3	94.6	94.6	94.8	95.1
≥ 700	84.1	88.4	91.6	93.3	94.1	94.9	95.3	95.6	95.6	95.6	95.6	96.0	96.0	96.1	96.5
≥ 600	84.1	88.4	91.7	93.6	94.6	96.0	96.3	96.6	96.6	96.6	96.6	97.0	97.0	97.1	97.5
≥ 500	84.1	88.4	91.7	93.8	94.8	96.3	96.8	97.1	97.1	97.3	97.3	97.6	97.6	97.8	98.1
≥ 400	84.1	88.4	91.7	93.8	94.8	96.6	97.3	97.6	98.1	98.7	98.7	99.2	99.2	99.3	99.7
≥ 300	84.1	88.4	91.7	93.8	94.8	96.6	97.3	97.6	98.1	98.7	98.7	99.2	99.2	99.3	99.7
≥ 200	84.1	88.4	91.7	93.8	94.8	96.6	97.3	97.6	98.1	98.7	98.7	99.2	99.2	99.3	99.7
≥ 100	84.1	88.4	91.7	93.8	94.8	96.6	97.3	97.6	98.1	98.7	98.7	99.2	99.2	99.3	99.7
≥ 0	84.1	88.4	91.7	93.8	94.8	96.6	97.3	97.6	98.1	98.7	98.7	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 593

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.5	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.7
≥ 18000 ≥ 16000	56.7	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.3
≥ 14000 ≥ 12000	56.7	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.3
≥ 10000 ≥ 9000	57.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.3
≥ 8000 ≥ 7000	59.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.2
≥ 6000 ≥ 5000	64.4	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	67.0
≥ 4500 ≥ 4000	64.9	67.3	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.3
≥ 3500 ≥ 3000	67.2	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.6
≥ 2500 ≥ 2000	70.0	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.9
≥ 1800 ≥ 1500	73.6	76.7	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	78.0
≥ 1200 ≥ 1000	75.9	79.3	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.1	81.3
≥ 900 ≥ 800	76.7	80.5	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.3	82.4
≥ 700 ≥ 600	78.8	82.8	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	85.1	85.2
≥ 500 ≥ 400	79.0	82.9	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.4
≥ 300 ≥ 200	79.3	83.3	84.6	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.7	85.9
≥ 100 0	79.6	83.7	85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.2	86.4	86.5
	79.8	83.9	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.4	86.5	86.7
	80.0	84.1	85.4	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.5	86.5	86.9
	81.0	85.1	86.4	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.5	87.7	87.8
	81.1	85.2	86.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7	87.7	88.0
	81.3	85.4	86.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.5	88.7	88.8
	81.3	85.4	87.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.8	89.0	89.2
	81.6	85.9	87.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.8	89.8	90.0
	82.1	86.4	88.5	89.8	90.0	90.1	90.1	90.1	90.1	90.3	90.3	90.5	90.6	90.8	91.0
	82.4	86.7	88.8	90.5	90.6	91.1	91.3	91.3	91.3	91.5	91.5	91.6	91.8	91.8	92.1
	82.9	87.7	89.8	91.5	92.0	92.6	92.8	92.8	92.9	92.9	93.1	93.4	93.4	93.6	93.8
	82.9	87.7	0.3	92.1	92.6	93.4	93.8	93.8	93.9	93.9	94.1	94.4	94.4	94.7	94.9
	82.9	87.7	5.3	92.1	92.6	93.6	94.1	94.1	94.4	94.7	94.9	95.6	95.6	96.1	96.2
	82.9	87.7	10.3	92.1	92.6	93.6	94.1	94.1	95.4	95.7	95.9	97.0	97.2	97.7	98.2
	82.9	87.7	90.3	92.1	92.6	93.6	94.1	94.1	95.4	95.7	95.9	97.4	97.5	98.2	98.9
	82.9	87.7	90.3	92.1	92.6	93.6	94.1	94.1	95.4	95.7	95.9	97.4	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 609

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FULT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.4	40.2	47.8	48.4	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.6	49.7	49.7	49.9
IV 18000 IV 16000	48.1	50.9	52.9	53.5	54.2	54.6	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1	55.5
IV 14000 IV 12000	48.1	50.9	52.9	53.5	54.2	54.6	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1	55.5
IV 10000 IV 9000	49.0	51.9	53.9	54.5	55.2	55.6	55.8	55.8	55.8	55.8	55.8	56.0	56.1	56.1	56.6
IV 8500 IV 7500	51.7	55.1	57.1	57.7	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.3	59.4	59.4	59.8
IV 6000 IV 5000	55.8	59.2	61.3	62.0	62.7	63.2	63.5	63.5	63.5	63.5	63.5	63.8	63.7	64.0	64.4
IV 4500 IV 4000	57.6	61.0	63.1	63.9	64.7	65.2	65.5	65.5	65.5	65.5	65.5	65.8	65.7	66.0	66.4
IV 3500 IV 3000	59.7	63.9	66.5	67.6	68.3	69.1	69.4	69.4	69.4	69.4	69.4	69.6	70.0	70.0	70.4
IV 2500 IV 2000	61.8	66.1	68.6	69.8	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.8	72.2	72.2	72.7
IV 1800 IV 1500	63.6	68.2	71.0	72.1	73.1	73.7	74.0	74.0	74.0	74.1	74.1	74.3	74.7	74.7	75.2
IV 1200 IV 1000	66.3	71.4	74.3	75.6	76.6	77.2	77.6	77.8	77.9	78.0	78.0	78.2	78.6	78.6	79.1
IV 900 IV 800	66.8	72.1	75.4	76.8	77.9	78.7	79.0	79.0	79.1	79.2	79.2	79.4	79.8	79.8	80.3
IV 700 IV 600	68.2	73.7	77.2	79.0	80.1	80.9	81.4	81.4	81.5	81.6	81.6	81.8	82.2	82.2	82.7
IV 500 IV 400	68.4	73.9	77.4	79.2	80.3	81.1	81.6	81.7	81.8	81.9	81.9	82.1	82.5	82.5	83.0
IV 300 IV 200	68.5	74.1	77.6	79.4	80.5	81.4	81.9	81.9	82.0	82.1	82.1	82.3	82.7	82.7	83.2
IV 100 IV 0	68.6	74.2	77.7	79.5	80.6	81.5	81.9	82.0	82.1	82.2	82.2	82.4	82.8	82.8	83.3
IV 0	69.6	75.2	78.8	80.6	81.8	82.7	83.2	83.3	83.4	83.5	83.6	83.8	84.2	84.2	84.7
IV 0	69.6	75.4	79.0	80.8	82.0	82.9	83.4	83.5	83.6	83.7	83.8	84.0	84.4	84.4	84.9
IV 0	69.8	75.6	79.2	81.1	82.3	83.2	83.7	83.8	83.9	84.0	84.1	84.4	84.8	84.8	85.3
IV 0	70.6	76.9	80.5	82.3	83.5	84.6	85.1	85.3	85.5	85.6	85.7	86.0	86.4	86.4	86.9
IV 0	70.9	77.4	81.1	83.3	84.4	85.6	86.1	86.3	86.4	86.5	86.6	86.9	87.3	87.3	87.8
IV 0	71.1	77.6	81.7	83.8	85.2	86.7	87.2	87.5	87.8	87.9	88.0	88.3	88.7	88.7	89.2
IV 0	71.1	77.6	81.7	84.0	85.6	87.1	87.7	88.0	88.4	88.5	88.6	88.9	89.4	89.4	90.0
IV 0	71.3	77.8	82.3	85.1	86.7	88.3	89.1	89.4	90.3	90.4	90.5	90.8	91.4	91.4	91.9
IV 0	71.3	78.0	82.7	86.0	87.5	89.2	90.3	90.9	91.9	92.2	92.3	92.8	93.4	93.4	94.0
IV 0	71.4	78.3	83.0	86.4	87.9	89.8	90.8	91.5	92.7	93.0	93.1	93.8	95.0	95.0	95.5
IV 0	71.5	78.4	83.2	86.8	88.4	90.5	91.5	92.2	93.8	94.7	94.8	95.4	96.7	96.7	97.2
IV 0	71.5	78.4	83.2	86.8	88.4	90.7	91.7	92.4	94.3	95.4	95.5	96.3	97.6	98.1	98.8
IV 0	71.5	78.4	83.2	86.8	88.4	90.7	91.7	92.4	94.4	95.5	95.6	96.7	98.1	98.5	100.0
IV 0	71.5	78.4	83.2	86.8	88.4	90.7	91.7	92.4	94.4	95.5	95.6	96.7	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 976

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.7 52.3	47.7 53.5	48.7 54.9	48.9 55.2	49.0 55.3	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4	49.1 55.4
IV 18000 16000	52.3 52.3	53.5 53.5	54.9 54.9	55.2 55.2	55.3 55.3	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4	55.4 55.4
IV 14000 12000	53.8 57.0	55.1 58.4	56.5 60.0	56.7 60.2	56.8 60.3	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4	56.9 60.4
IV 10000 9000	61.5 62.3	63.0 64.3	64.7 66.1	65.1 66.4	65.3 66.6	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7	65.4 66.7
IV 8000 7000	64.3 65.8	66.7 68.1	68.8 70.4	69.4 71.0	69.7 71.3	69.8 71.4	69.8 71.4	69.9 71.5	70.0 71.6	70.0 71.6	70.0 71.6	70.0 71.6	70.0 71.6	70.0 71.6	70.0 71.6
IV 6000 5000	67.4 70.5	70.1 73.5	72.6 76.1	73.3 77.2	73.6 77.5	73.7 77.6	73.8 77.7	73.9 77.8	74.0 77.9	74.0 77.9	74.0 77.9	74.0 77.9	74.0 77.9	74.0 77.9	74.0 77.9
IV 4500 4000	71.6 74.3	74.9 78.0	77.5 80.5	78.6 81.6	78.9 81.9	79.0 82.0	79.1 82.1	79.2 82.2	79.3 82.3	79.3 82.3	79.3 82.3	79.3 82.3	79.3 82.3	79.3 82.3	79.3 82.3
IV 3500 3000	74.8 75.1	78.5 78.8	81.0 81.3	82.2 82.7	82.5 83.0	82.6 83.1	82.7 83.2	82.8 83.3	82.9 83.4	82.9 83.4	82.9 83.4	82.9 83.4	82.9 83.4	82.9 83.4	82.9 83.4
IV 2500 2000	75.6 76.5	79.4 80.7	82.0 83.3	83.6 84.9	83.9 85.3	84.0 85.4	84.1 85.5	84.2 85.6	84.3 85.7	84.3 85.7	84.3 85.7	84.3 85.7	84.3 85.7	84.3 85.7	84.3 85.7
IV 1800 1500	76.6 77.6	80.9 82.1	83.5 84.9	85.3 86.7	85.6 87.0	85.7 87.1	85.8 87.3	85.9 87.4	86.0 87.5	86.0 87.5	86.0 87.5	86.0 87.5	86.0 87.5	86.0 87.5	86.0 87.5
IV 1200 1000	78.0 78.4	82.7 83.1	85.7 86.3	87.6 88.5	88.5 89.7	88.7 89.9	88.9 90.1	89.0 90.2	89.2 90.4	89.2 90.4	89.2 90.4	89.2 90.4	89.2 90.4	89.2 90.4	89.2 90.4
IV 900 800	78.6 78.9	83.4 83.7	86.8 87.3	89.1 89.7	90.3 91.1	90.5 91.4	90.8 91.9	90.9 92.0	91.2 92.3	91.2 92.3	91.2 92.3	91.2 92.3	91.2 92.3	91.2 92.3	91.2 92.3
IV 700 600	79.0 79.1	83.8 84.1	87.7 88.0	90.4 90.9	91.9 92.4	92.2 93.1	92.8 93.9	93.0 94.3	93.3 94.7	93.3 94.7	93.3 94.7	93.3 94.7	93.3 94.7	93.3 94.7	93.3 94.7
IV 500 400	79.1 79.1	84.2 84.2	88.1 88.1	91.0 91.1	92.6 92.7	93.7 93.9	94.7 94.9	95.5 95.8	95.9 96.5	96.0 96.8	96.1 96.9	96.1 97.3	96.1 97.8	96.1 97.8	96.1 97.8
IV 300 200	79.1 79.1	84.2 84.2	88.1 88.1	91.2 91.2	92.9 92.9	94.1 94.1	95.2 95.2	96.0 96.0	97.1 97.7	97.7 98.3	97.8 98.6	98.4 99.3	98.7 99.7	98.7 99.8	98.7 99.8
IV 100 0	79.1 79.1	84.2 84.2	88.1 88.1	91.2 91.2	92.9 92.9	94.1 94.1	95.2 95.2	96.0 96.0	97.7 97.7	98.3 98.6	98.6 99.3	99.3 99.7	99.7 99.8	99.8 99.8	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.9	47.1	47.2	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 18000	53.9	54.5	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 16000	54.2	54.8	54.9	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 14000	54.2	54.8	54.9	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 12000	54.6	55.3	55.4	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000	56.8	57.8	57.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 9000	60.5	61.5	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 8000	61.4	62.6	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 7000	64.1	66.1	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 6000	66.1	68.0	68.4	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 5000	68.2	70.3	71.0	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4500	73.1	75.5	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 4000	74.4	76.8	77.6	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 3500	78.8	81.2	82.1	82.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	79.6	82.2	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2500	80.7	83.5	84.7	85.3	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	81.5	84.8	86.1	86.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1800	82.4	86.0	87.5	88.4	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	82.5	86.1	87.6	88.5	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1200	82.7	86.3	88.1	89.0	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	82.9	87.4	89.1	90.2	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	83.4	88.1	89.8	91.3	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 800	83.4	88.1	90.2	92.0	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	83.5	88.2	90.3	92.3	93.8	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	83.8	88.5	90.6	92.7	94.2	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	83.9	88.7	91.1	93.3	94.8	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	84.0	88.8	91.2	93.8	95.4	97.0	97.7	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	84.0	88.8	91.2	93.8	95.4	97.1	98.0	98.7	98.8	99.0	99.1	99.6	99.6	99.6	99.6
IV 200	84.0	88.8	91.2	93.8	95.4	97.1	98.0	98.7	99.2	99.4	99.5	100.0	100.0	100.0	100.0
IV 100	84.0	88.8	91.2	93.8	95.4	97.1	98.0	98.7	99.2	99.4	99.5	100.0	100.0	100.0	100.0
IV 0	84.0	88.8	91.2	93.8	95.4	97.1	98.0	98.7	99.2	99.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93732

FORT MEADE MARYLAND/TIPTON AAF

60-70

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.1	48.2	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	56.2	56.5	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
> 18000	56.2	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	56.2	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	56.5	57.0	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 12000	59.0	59.5	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000	62.0	62.5	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 9000	62.3	62.8	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 8000	64.3	65.5	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 7000	66.4	67.8	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 6000	69.1	71.1	72.0	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 5000	73.0	75.4	76.8	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4500	73.8	76.3	77.8	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	79.5	82.2	83.9	84.2	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3500	80.5	83.5	85.1	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	81.8	85.1	87.1	87.5	87.7	87.9	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	82.1	85.6	87.7	88.1	88.3	88.5	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 2000	82.2	86.1	88.6	89.0	89.3	89.6	89.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	82.5	86.4	88.9	89.3	89.6	89.9	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 1500	83.0	86.9	89.5	89.9	90.5	90.8	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
IV 1200	83.7	87.9	91.0	91.4	91.9	92.6	92.8	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3
IV 1000	83.9	88.3	91.6	92.0	92.8	93.7	93.9	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5
IV 900	83.9	88.6	91.9	92.5	93.4	94.8	95.0	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.6
IV 800	83.9	88.6	91.9	92.9	93.8	95.3	95.5	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2
IV 700	84.0	88.8	92.2	93.2	94.1	95.7	95.9	96.0	96.4	96.6	96.8	96.8	96.8	96.8	96.8
IV 600	84.1	89.0	92.6	93.8	94.7	96.5	96.9	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7
IV 500	84.1	89.0	92.7	94.2	95.4	97.5	97.9	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9
IV 400	84.1	89.0	92.7	94.2	95.5	98.1	98.5	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9
IV 300	84.1	89.0	92.7	94.2	95.5	98.1	98.6	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	84.1	89.0	92.7	94.2	95.5	98.1	98.6	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	84.1	89.0	92.7	94.2	95.5	98.1	98.6	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	84.1	89.0	92.7	94.2	95.5	98.1	98.6	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 985

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.2	50.9	51.7	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000 IV 16000	57.4	58.2	59.0	59.2	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 14000 IV 12000	58.0	58.8	59.5	59.8	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 10000 IV 9000	64.5	65.3	66.1	66.4	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 8000 IV 7000	67.5	68.8	69.5	69.8	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 6000 IV 5000	71.3	73.1	74.0	74.2	74.2	74.2	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4500 IV 4000	77.0	79.4	80.5	80.8	80.8	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500 IV 3000	82.3	85.0	86.4	86.7	86.7	86.7	86.9	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2500 IV 2000	83.9	86.9	88.4	88.8	88.9	89.0	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1800 IV 1500	84.3	87.7	89.2	89.7	89.8	89.9	90.0	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
IV 1200 IV 1000	85.0	88.8	90.3	90.8	90.9	91.4	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 900 IV 800	85.0	89.1	90.9	91.7	92.3	93.1	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 700 IV 600	85.0	89.2	91.5	92.6	93.5	94.9	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 500 IV 400	85.0	89.2	91.6	93.2	94.2	96.4	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 300 IV 200	85.1	89.3	91.7	93.6	94.7	96.9	98.1	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8
IV 100 IV 0	85.1	89.3	91.7	93.6	94.7	96.9	98.2	98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 880

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	55.2	55.9	56.1	56.5	56.5	56.6	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.3	
IV 18000	60.4	61.1	61.4	61.7	61.7	61.8	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.5	
IV 16000	60.4	61.1	61.4	61.7	61.7	61.8	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.5	
IV 14000	61.1	61.8	62.1	62.4	62.4	62.5	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.2	
IV 12000	62.6	63.3	63.6	63.9	63.9	64.0	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.6	64.7	
IV 10000	67.4	68.2	68.4	68.8	68.8	68.9	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.5	69.6	
IV 9000	68.3	69.1	69.4	69.7	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.5	
IV 8000	72.0	73.3	73.5	73.9	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.7	
IV 7000	74.4	75.8	76.0	76.3	76.3	76.5	76.8	76.8	76.8	76.9	76.9	77.1	77.1	77.3	77.4	
IV 6000	75.6	77.1	77.3	77.8	77.8	78.0	78.3	78.3	78.3	78.4	78.4	78.7	78.7	78.8	78.9	
IV 5000	78.7	80.7	81.1	81.4	81.4	81.6	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.4	82.5	
IV 4500	79.5	81.7	82.0	82.4	82.4	82.5	82.8	82.8	82.8	82.9	82.9	83.2	83.2	83.3	83.4	
IV 4000	83.1	85.3	85.8	86.3	86.3	86.4	86.8	86.8	86.8	86.9	86.9	87.1	87.1	87.2	87.4	
IV 3500	83.9	86.1	86.7	87.2	87.2	87.4	87.7	87.7	87.7	87.8	87.8	88.1	88.1	88.2	88.3	
IV 3000	84.2	86.8	87.4	87.9	87.9	88.1	88.4	88.4	88.4	88.5	88.5	88.7	88.7	88.9	89.0	
IV 2500	84.2	86.8	87.4	87.9	87.9	88.1	88.4	88.4	88.4	88.5	88.5	88.7	88.7	88.9	89.0	
IV 2000	84.6	87.5	88.1	88.6	88.6	88.7	89.1	89.1	89.1	89.2	89.2	89.4	89.4	89.6	89.7	
IV 1800	84.6	87.5	88.1	88.7	88.7	88.9	89.2	89.2	89.2	89.3	89.3	89.6	89.6	89.7	89.8	
IV 1500	84.7	87.6	88.2	89.0	89.0	89.1	89.4	89.4	89.4	89.6	89.6	89.8	89.8	89.9	90.0	
IV 1200	85.2	88.3	89.3	90.1	90.1	90.6	91.0	91.0	91.0	91.1	91.1	91.3	91.3	91.4	91.5	
IV 1000	85.5	88.6	89.8	90.6	90.8	91.3	91.6	91.6	91.6	91.8	91.8	92.0	92.0	92.1	92.2	
IV 900	85.7	89.0	90.3	91.2	91.4	91.9	92.2	92.2	92.2	92.3	92.3	92.6	92.6	92.7	92.8	
IV 800	85.7	89.0	90.7	91.8	92.0	92.5	92.6	92.8	92.8	92.9	92.9	93.2	93.2	93.3	93.4	
IV 700	85.8	89.3	91.4	92.6	92.8	93.6	94.0	94.0	94.0	94.1	94.1	94.3	94.3	94.4	94.5	
IV 600	85.8	89.3	91.6	92.8	93.2	94.7	95.1	95.1	95.2	95.4	95.4	95.6	95.6	95.7	95.8	
IV 500	85.8	89.3	91.6	93.3	93.6	95.8	96.3	96.3	96.4	96.5	96.5	96.8	96.8	96.9	97.0	
IV 400	85.8	89.3	92.0	93.6	94.1	96.4	97.1	97.1	97.2	97.7	97.7	97.9	97.9	98.0	98.1	
IV 300	85.8	89.3	92.0	93.6	94.1	96.4	97.1	97.1	97.2	97.9	98.1	98.4	98.4	98.5	98.6	
IV 200	85.8	89.3	92.0	93.6	94.1	96.4	97.1	97.1	97.2	97.9	98.1	98.4	98.4	98.5	98.6	
IV 100	85.8	89.3	92.0	93.6	94.1	96.4	97.1	97.1	97.2	97.9	98.1	98.4	98.4	98.5	98.6	
IV 0	10.8	85.8	89.3	92.0	93.6	94.1	96.4	97.1	97.1	97.2	97.9	98.1	98.4	98.4	98.5	

TOTAL NUMBER OF OBSERVATIONS 862

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-65
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	56.5	57.3	57.7	57.9	57.9	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 20000	57.0	59.3	60.2	60.6	60.8	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 18000	57.0	59.3	60.2	60.6	60.8	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 16000	57.0	59.3	60.2	60.6	60.8	60.8	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 14000	57.3	59.7	60.6	60.9	61.1	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 12000	59.3	61.6	62.5	62.9	63.1	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 10000	63.3	65.8	66.8	67.2	67.4	67.4	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 9000	63.6	66.1	67.2	67.6	67.7	67.7	68.1	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 8000	67.6	70.1	71.1	71.5	71.7	71.7	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 7000	71.5	74.2	75.4	76.0	76.2	76.2	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 6000	72.9	75.8	77.1	77.6	77.8	77.8	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.9
IV 5000	74.9	78.0	79.6	80.1	80.3	80.3	80.6	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.4
IV 4500	75.8	78.9	80.5	81.0	81.2	81.2	81.5	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.3
IV 4000	76.3	81.4	83.2	83.7	83.9	83.9	84.2	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.9
IV 3500	78.7	81.9	83.7	84.2	84.4	84.4	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.5
IV 3000	79.6	83.0	84.8	85.3	85.5	85.5	85.8	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.6
IV 2500	80.1	83.5	85.3	85.8	86.0	86.0	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	87.1
IV 2000	81.2	84.8	86.9	87.6	87.8	87.8	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.9
IV 1800	81.4	84.9	87.1	87.8	88.0	88.0	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	89.1
IV 1500	81.9	85.7	87.8	88.7	88.9	89.1	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IV 1200	82.1	85.8	88.0	88.9	89.4	89.6	90.0	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.7
IV 1000	82.6	86.6	88.7	89.6	90.1	90.3	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.4
IV 900	82.6	86.7	88.9	89.8	90.3	90.5	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.6
IV 800	83.2	87.3	89.4	90.5	91.0	91.2	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.3
IV 700	83.5	87.8	90.0	91.2	91.8	91.9	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	93.0
IV 600	84.1	88.4	90.7	91.9	92.5	92.7	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.7
IV 500	84.4	89.1	91.4	92.7	93.2	93.7	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.2
IV 400	84.4	89.1	91.4	92.8	93.5	94.1	94.4	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.4
IV 300	84.6	89.6	91.9	93.4	94.1	94.8	95.5	95.5	97.1	97.3	97.8	98.4	98.4	98.4	98.6
IV 200	84.6	89.6	91.9	93.4	94.1	95.0	95.7	96.1	97.7	97.8	98.4	99.1	99.1	99.1	99.3
IV 100	84.6	89.6	91.9	93.4	94.1	95.0	95.7	96.1	97.7	97.8	98.4	99.1	99.3	99.3	99.8
IV 0	84.6	89.6	91.9	93.4	94.1	95.0	95.7	96.1	97.7	97.8	98.4	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 558

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733 STATION FORT MEADE MARYLAND/TIPTON AAF 60-70 YEARS MAY
STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.0	49.3	51.4	53.6	53.9	54.8	54.9	55.1	55.3	55.6	55.6	55.9	56.1	56.2	56.6
IV 18000	48.8	52.3	54.5	56.9	57.2	58.2	58.4	58.7	59.0	59.2	59.2	59.5	59.7	59.8	60.3
IV 16000	48.8	52.3	54.5	56.9	57.2	58.2	58.4	58.7	59.0	59.2	59.2	59.5	59.7	59.8	60.3
IV 14000	49.4	52.9	55.1	57.5	57.8	58.8	59.0	59.2	59.5	59.8	59.8	60.1	60.3	60.4	60.8
IV 12000	51.4	54.9	57.1	59.5	59.8	60.8	61.0	61.3	61.6	61.8	61.8	62.1	62.3	62.4	62.9
IV 10000	53.2	56.9	59.4	61.8	62.1	63.2	63.3	63.6	63.9	64.2	64.2	64.5	64.6	64.7	65.2
IV 9000	54.2	58.1	60.7	63.2	63.4	64.5	64.6	64.9	65.2	65.5	65.5	65.8	65.9	66.0	66.5
IV 8000	57.1	61.1	63.9	66.5	66.8	67.8	67.9	68.2	68.5	68.8	68.8	69.1	69.2	69.4	69.8
IV 7000	60.1	65.0	68.1	70.8	71.1	72.1	72.3	72.5	72.8	73.1	73.1	73.4	73.6	73.7	74.1
IV 6000	62.0	67.3	70.5	73.6	73.8	74.9	75.0	75.3	75.6	75.9	75.9	76.2	76.3	76.4	76.9
IV 5000	64.6	70.4	73.7	76.7	77.0	78.0	78.2	78.5	78.8	79.0	79.0	79.5	79.6	79.8	80.2
IV 4500	65.8	71.5	75.0	78.2	78.5	79.3	79.6	79.9	80.2	80.5	80.5	80.9	81.1	81.2	81.6
IV 4000	66.8	72.8	76.7	80.1	80.3	81.4	81.6	81.9	82.2	82.5	82.5	82.9	83.1	83.2	83.7
IV 3500	66.9	73.0	76.9	80.2	80.5	81.5	81.8	82.1	82.4	82.7	82.7	83.1	83.2	83.4	83.8
IV 3000	68.2	74.3	78.3	81.6	81.9	82.9	83.2	83.5	83.8	84.1	84.1	84.5	84.7	84.8	85.3
IV 2500	68.6	74.7	78.8	82.1	82.4	83.4	83.7	84.0	84.2	84.5	84.5	85.0	85.1	85.3	85.7
IV 2000	69.7	75.9	80.1	83.5	84.0	85.0	85.3	85.5	86.0	86.3	86.3	86.7	86.8	87.0	87.4
IV 1800	69.7	75.9	80.1	83.5	84.0	85.0	85.3	85.5	86.0	86.3	86.3	86.7	86.8	87.0	87.4
IV 1500	69.7	75.9	80.1	83.5	84.0	85.0	85.3	85.5	86.0	86.3	86.3	86.7	86.8	87.0	87.4
IV 1200	70.4	76.7	80.9	84.5	85.0	86.0	86.3	86.6	87.1	87.4	87.4	87.9	88.0	88.2	88.6
IV 1000	70.8	77.3	81.5	85.4	85.8	87.0	87.4	87.7	88.3	88.6	88.6	89.0	89.2	89.3	89.9
IV 900	70.8	77.3	81.5	85.4	85.8	87.0	87.4	87.7	88.3	88.6	88.6	89.0	89.2	89.3	89.9
IV 800	71.4	77.9	82.2	86.4	87.0	88.2	88.6	89.0	89.6	89.9	89.9	90.3	90.5	90.6	91.2
IV 700	71.5	78.2	82.5	87.0	87.7	88.9	89.5	89.9	90.5	90.8	90.8	91.2	91.3	91.5	92.1
IV 600	72.0	78.6	83.2	87.9	88.6	89.7	90.3	90.9	91.5	91.8	91.8	92.2	92.5	92.6	93.2
IV 500	72.3	79.0	83.8	88.4	89.2	90.3	91.0	91.5	92.3	92.6	92.6	93.2	93.4	93.5	94.1
IV 400	72.3	79.2	84.4	89.2	89.9	91.0	91.8	92.2	93.1	93.5	93.5	94.2	94.4	94.5	95.1
IV 300	72.3	79.3	84.7	89.5	90.2	91.0	92.6	93.1	93.9	94.7	94.7	95.5	95.7	96.0	96.5
IV 200	72.3	79.3	84.7	89.5	90.2	91.8	92.6	93.1	94.1	94.9	94.9	96.5	96.7	98.0	98.6
IV 100	72.3	79.3	84.7	89.5	90.2	91.8	92.6	93.1	94.1	94.9	94.9	96.8	97.0	98.8	99.7
IV 0	72.3	79.3	84.8	89.6	90.3	91.9	92.8	93.2	94.2	95.1	95.1	97.0	97.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 692

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	42.9	47.6	50.0	51.0	51.7	52.3	52.5	52.5	52.6	52.8	52.8	52.8	52.8	53.1	53.4
≥ 20000	46.4	51.7	54.4	55.4	56.2	57.2	57.4	57.4	57.5	57.7	57.7	57.7	57.7	58.0	58.3
≥ 18000	46.4	51.7	54.4	55.4	56.2	57.2	57.4	57.4	57.5	57.7	57.7	57.7	57.7	58.0	58.3
≥ 16000	46.4	51.7	54.4	55.4	56.2	57.2	57.4	57.4	57.5	57.7	57.7	57.7	57.7	58.0	58.3
≥ 14000	46.9	52.4	55.1	56.1	56.9	57.9	58.1	58.1	58.2	58.4	58.4	58.4	58.4	58.7	58.9
≥ 12000	49.2	54.6	57.6	58.6	59.3	60.3	60.3	60.6	60.7	60.9	60.9	60.9	60.9	61.2	61.5
≥ 10000	52.5	58.6	62.0	63.4	64.3	65.5	65.8	65.9	66.0	66.2	66.2	66.2	66.2	66.5	66.8
≥ 9000	54.2	60.6	64.1	65.6	66.5	67.6	67.9	68.0	68.1	68.3	68.3	68.3	68.3	68.6	68.9
≥ 8000	55.8	62.9	66.5	68.1	69.0	70.6	70.9	71.0	71.1	71.3	71.3	71.4	71.4	71.8	72.2
≥ 7000	57.3	64.7	68.5	70.4	71.4	72.9	73.3	73.4	73.5	73.7	73.7	73.8	73.8	74.3	74.7
≥ 6000	58.3	65.8	69.8	71.7	72.8	74.4	74.8	74.9	75.1	75.3	75.3	75.4	75.5	75.9	76.2
≥ 5000	61.1	68.7	73.0	74.9	76.1	77.6	78.0	78.1	78.3	78.5	78.5	78.7	78.8	79.2	79.6
≥ 4500	61.5	69.1	73.5	75.6	76.7	78.3	78.7	78.8	79.0	79.2	79.2	79.4	79.5	79.9	80.3
≥ 4000	62.3	70.4	75.1	77.4	78.6	80.3	80.8	80.9	81.1	81.3	81.3	81.5	81.6	82.1	82.5
≥ 3500	63.0	71.1	76.0	78.3	79.5	81.1	81.7	81.8	82.0	82.2	82.2	82.4	82.5	83.0	83.4
≥ 3000	63.6	71.8	76.9	79.3	80.5	82.2	82.8	82.9	83.1	83.3	83.3	83.5	83.6	84.1	84.5
≥ 2500	64.4	72.7	77.8	80.3	81.5	83.2	83.8	83.9	84.1	84.3	84.3	84.5	84.6	85.0	85.4
≥ 2000	65.1	73.4	78.5	81.0	82.4	84.1	84.7	84.8	84.9	85.1	85.1	85.3	85.4	85.9	86.3
≥ 1800	65.2	73.5	78.6	81.1	82.5	84.2	84.8	84.8	85.0	85.2	85.2	85.4	85.5	86.0	86.4
≥ 1500	65.9	74.2	79.3	81.9	83.3	85.2	85.8	85.9	86.1	86.3	86.3	86.5	86.6	87.2	87.6
≥ 1200	66.0	74.4	79.5	82.5	83.9	86.1	86.8	86.9	87.2	87.4	87.4	87.6	87.7	88.3	88.7
≥ 1000	66.4	75.0	80.3	83.4	84.8	87.1	87.8	87.9	88.3	88.6	88.6	88.8	88.9	89.4	89.8
≥ 900	66.7	75.3	80.6	83.8	85.1	87.6	88.4	88.5	88.9	89.1	89.1	89.3	89.4	90.0	90.4
≥ 800	66.9	75.7	81.2	84.5	85.8	88.3	89.2	89.4	89.8	90.1	90.1	90.3	90.4	91.0	91.4
≥ 700	66.9	75.7	81.3	84.7	86.1	89.0	90.1	90.3	90.9	91.3	91.3	91.5	91.6	92.2	92.6
≥ 600	67.0	75.8	81.5	85.1	86.7	89.5	90.8	91.1	91.8	92.4	92.4	92.6	92.7	93.3	93.6
≥ 500	67.2	76.1	81.9	85.6	87.4	90.3	91.6	91.9	92.9	93.5	93.5	93.7	93.8	94.4	94.8
≥ 400	67.3	76.1	82.3	86.0	87.8	90.7	92.3	92.6	93.6	94.6	94.6	94.8	95.0	95.6	96.0
≥ 300	67.3	76.1	82.3	86.1	88.0	91.0	92.9	93.2	94.5	95.6	95.6	95.9	96.3	97.2	97.6
≥ 200	67.3	76.1	82.3	86.1	88.0	91.1	93.0	93.3	94.6	95.7	95.8	96.6	97.1	98.2	98.6
≥ 100	67.3	76.1	82.3	86.1	88.0	91.1	93.0	93.3	94.6	95.8	95.9	96.7	97.4	98.9	100.0
0	67.3	76.1	82.3	86.1	88.0	91.1	93.0	93.3	94.6	95.8	95.9	96.7	97.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/11AC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	53.5	54.5	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	53.7	57.9	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	55.7	57.9	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	55.7	57.9	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	56.5	58.7	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	57.5	59.6	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	62.5	64.8	66.6	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	63.6	66.4	68.1	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	66.3	69.5	71.3	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	67.8	71.3	73.3	74.2	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	69.3	72.8	75.2	76.2	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	71.6	75.1	77.6	78.7	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	72.1	75.7	78.2	79.3	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	74.6	77.1	81.3	82.7	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	75.7	79.6	82.7	84.1	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	76.4	80.4	83.6	84.9	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	77.1	81.2	84.5	85.8	86.0	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	78.3	82.6	85.8	87.4	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800	78.5	82.8	86.0	87.6	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	79.8	84.3	87.6	89.4	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	80.3	84.8	88.5	90.4	90.8	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	80.6	86.0	89.7	91.8	92.2	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	80.6	86.2	89.9	92.1	92.5	93.1	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	81.0	86.8	90.6	93.0	93.5	94.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	81.0	86.9	90.8	93.2	93.8	94.7	95.4	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 600	81.0	86.9	90.8	93.4	94.0	94.9	95.6	95.7	96.2	96.4	96.6	96.6	96.6	96.6	96.6
≥ 500	81.3	87.2	91.4	94.0	94.9	95.8	96.6	97.1	97.6	97.9	98.2	98.2	98.2	98.2	98.2
≥ 400	81.3	87.2	91.6	94.6	95.5	96.4	97.4	97.7	98.3	98.8	99.1	99.2	99.2	99.2	99.2
≥ 300	81.3	87.2	91.6	94.6	95.6	96.5	97.5	97.8	98.4	98.9	99.2	99.5	99.5	99.5	99.5
≥ 200	81.3	87.2	91.6	94.6	95.6	96.5	97.5	97.8	98.4	98.9	99.2	99.5	99.7	100.0	100.0
≥ 100	81.3	87.2	91.6	94.6	95.6	96.5	97.5	97.8	98.4	98.9	99.2	99.5	99.7	100.0	100.0
≥ 0	81.3	87.2	91.6	94.6	95.6	96.5	97.5	97.8	98.4	98.9	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT HEAD, MARYLAND/TIPTON AAF

60-70

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.4	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	57.6	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	57.6	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	58.1	59.0	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	59.6	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	63.5	64.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	64.7	66.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	67.1	68.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	68.0	69.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	69.2	71.1	72.4	72.6	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	72.7	75.1	76.9	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	74.3	76.7	78.6	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	78.7	81.2	83.3	83.7	83.8	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	80.0	82.8	84.8	85.2	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	81.5	84.5	86.5	87.0	87.1	87.4	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	82.3	85.2	87.3	87.8	87.9	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	83.9	87.3	89.4	90.0	90.1	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	84.3	87.8	89.9	90.6	90.7	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	84.5	88.0	90.2	91.0	91.1	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	84.9	88.7	91.2	92.1	92.2	92.5	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 1000	85.1	89.3	92.2	93.1	93.2	93.5	93.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 900	85.1	89.5	92.5	93.5	93.6	94.0	94.4	94.5	94.7	94.9	95.0	95.0	95.0	95.0	95.0
≥ 800	85.2	90.2	93.5	94.5	94.7	95.4	95.9	96.1	96.5	96.8	96.9	96.9	96.9	96.9	96.9
≥ 700	85.3	90.4	93.6	95.0	95.2	95.9	96.4	96.6	97.0	97.3	97.4	97.4	97.4	97.4	97.4
≥ 600	85.5	90.7	93.9	95.4	95.6	96.5	97.0	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9
≥ 500	85.7	90.9	94.4	96.3	96.5	97.5	98.1	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.2
≥ 400	85.7	91.0	94.5	96.4	96.6	97.8	98.4	98.7	99.2	99.6	99.7	99.8	99.8	99.8	99.8
≥ 300	85.7	91.0	94.5	96.4	96.6	97.8	98.5	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 200	85.7	91.0	94.5	96.4	96.6	97.8	98.5	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	85.7	91.0	94.5	96.4	96.6	97.8	98.5	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0
≥ 0	85.7	91.0	94.5	96.4	96.6	97.8	98.5	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	52.5	53.2	53.5	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 20000	60.8	61.9	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000	60.8	61.9	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000	60.9	62.0	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 14000	61.4	62.5	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	63.0	64.1	64.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 10000	66.7	68.2	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 9000	68.1	69.8	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	70.8	72.4	73.1	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	71.6	73.3	73.9	74.1	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 6000	72.5	74.3	75.1	75.3	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 5000	76.3	78.6	79.7	80.4	80.8	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4500	77.8	80.0	81.5	82.3	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	82.2	84.6	86.1	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	83.1	85.6	87.0	87.8	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	83.9	86.6	88.1	88.9	89.3	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	84.8	87.7	89.3	90.2	90.6	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	86.4	89.4	91.5	92.4	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	86.5	89.7	91.7	92.8	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	86.8	90.0	92.0	93.4	94.0	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	87.4	90.9	93.0	94.6	95.1	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1000	87.6	91.3	93.4	95.0	95.5	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	87.6	91.4	93.5	95.1	95.7	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	87.6	91.7	94.0	95.5	96.3	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	87.6	91.7	94.0	95.5	96.4	97.5	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	87.7	91.8	94.2	95.8	96.7	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	87.8	92.0	94.4	96.0	97.0	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.3	99.3	99.3
IV 400	87.8	92.0	94.4	96.2	97.2	98.4	98.8	98.9	99.2	99.2	99.2	99.2	99.5	99.5	99.5
IV 300	87.8	92.0	94.4	96.2	97.2	98.7	99.1	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 200	87.8	92.0	94.4	96.2	97.2	98.7	99.1	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 100	87.8	92.0	94.4	96.2	97.2	98.7	99.1	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0
IV 0	87.8	92.0	94.4	96.2	97.2	98.7	99.1	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 976

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.7 60.0	54.8 61.4	55.3 62.0	55.6 62.3	55.6 62.3	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5	55.6 62.5
IV 18000 IV 16000	60.0 60.0	61.4 61.4	62.0 62.0	62.3 62.3	62.3 62.3	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5	62.5 62.5
IV 14000 IV 12000	60.2 63.7	61.7 65.2	62.2 65.9	62.6 66.2	62.6 66.2	62.7 66.3	62.7 66.3	62.7 66.4	62.7 66.4	62.7 66.4	62.7 66.4	62.7 66.4	62.7 66.4	62.7 66.4	62.7 66.4
IV 10000 IV 9000	68.8 70.8	70.4 72.6	71.1 73.3	71.4 73.6	71.4 73.6	71.6 73.7	71.6 73.7	71.7 73.8	71.7 73.8	71.7 73.8	71.7 73.8	71.7 73.8	71.7 73.8	71.7 73.8	71.7 73.8
IV 8000 IV 7000	74.4 75.2	76.7 77.8	77.5 78.7	77.8 79.2	77.8 79.2	77.9 79.3	77.9 79.3	78.0 79.4	78.0 79.4	78.0 79.4	78.0 79.4	78.0 79.4	78.0 79.4	78.0 79.4	78.0 79.4
IV 6000 IV 5000	76.8 80.4	79.4 82.3	80.3 84.4	80.8 84.9	80.8 85.0	80.9 85.1	80.9 85.1	81.0 85.2	81.0 85.2	81.0 85.3	81.0 85.3	81.0 85.3	81.0 85.3	81.0 85.3	81.0 85.3
IV 4500 IV 4000	81.5 83.2	84.3 86.2	85.4 87.4	85.9 87.8	86.0 87.9	86.3 88.3	86.3 88.3	86.5 88.4	86.6 88.5	86.7 88.6	86.7 88.6	86.7 88.6	86.7 88.6	86.7 88.6	86.7 88.6
IV 3500 IV 3000	83.7 84.4	87.0 87.7	88.2 89.0	88.7 89.5	88.9 89.6	89.2 90.1	89.2 90.1	89.3 90.2	89.4 90.3	89.5 90.4	89.5 90.4	89.5 90.4	89.5 90.4	89.5 90.4	89.5 90.4
IV 2500 IV 2000	85.0 86.1	88.5 89.7	90.0 91.6	90.7 92.5	90.9 93.1	91.4 93.7	91.4 93.7	91.5 93.9	91.6 94.0	91.7 94.1	91.7 94.1	91.7 94.1	91.7 94.1	91.7 94.1	91.7 94.1
IV 1800 IV 1500	86.2 86.6	90.0 90.3	91.8 92.2	92.7 93.1	93.4 93.7	94.1 94.5	94.1 94.5	94.2 94.7	94.3 94.8	94.4 94.9	94.4 94.9	94.4 94.9	94.4 94.9	94.4 94.9	94.4 94.9
IV 1200 IV 1000	86.6 86.9	90.3 90.8	92.3 92.7	93.4 94.0	94.1 94.7	94.9 95.6	94.9 95.6	95.0 95.9	95.2 96.4	95.3 96.5	95.3 96.5	95.3 96.5	95.3 96.5	95.3 96.5	95.3 96.5
IV 900 IV 800	86.9 86.9	90.8 90.8	92.8 92.8	94.3 94.3	95.0 95.0	95.9 95.9	96.2 96.2	96.4 96.4	96.8 96.8	96.9 96.9	96.9 96.9	96.9 96.9	96.9 96.9	96.9 96.9	96.9 96.9
IV 700 IV 600	86.9 86.9	90.8 90.8	92.8 92.9	94.3 94.5	95.0 95.2	96.0 96.2	96.4 96.9	96.5 97.0	97.2 98.0	97.3 98.1	97.3 98.1	97.4 98.2	97.4 98.2	97.4 98.2	97.4 98.2
IV 500 IV 400	86.9 86.9	90.8 90.8	92.9 92.9	94.8 94.9	95.6 95.7	96.6 96.7	97.3 97.4	97.4 97.5	98.7 98.9	99.1 99.2	99.1 99.2	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 300 IV 200	87.0 87.0	90.9 90.9	93.1 93.1	95.0 95.0	95.8 95.8	96.8 96.8	97.5 97.5	97.6 97.6	99.1 99.1	99.4 99.4	99.4 99.4	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	87.0 87.0	90.9 90.9	93.1 93.1	95.0 95.0	95.8 95.8	96.8 96.8	97.5 97.5	97.6 97.6	99.1 99.1	99.4 99.4	99.4 99.4	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 879

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 03733

STATION NAME FORT MEADE MARYLAND/TIPTON AAF

YEARS 60-70

MONTH 1AY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.9	53.6	53.9	54.1	54.3	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1
IV 18000	58.3	60.0	60.4	60.6	60.8	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5
IV 16000	58.3	60.0	60.4	60.6	60.8	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5
IV 14000	58.5	60.2	60.6	60.9	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
IV 12000	61.5	63.2	63.6	63.9	64.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
IV 10000	65.0	68.0	68.5	68.8	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
IV 9000	67.2	69.6	70.1	70.3	70.5	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4
IV 8000	70.7	73.3	74.0	74.2	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
IV 7000	73.1	75.8	76.6	76.9	77.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
IV 6000	75.6	78.5	79.3	79.7	79.8	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
IV 5000	78.4	81.5	82.5	82.9	83.2	83.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 4500	79.3	82.4	83.4	83.8	84.2	84.8	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.6	85.6
IV 4000	81.2	84.6	85.8	86.3	86.7	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.1	88.1
IV 3500	82.0	85.4	86.5	87.0	87.4	88.1	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.9	88.9
IV 3000	82.6	86.0	87.2	87.7	88.1	88.7	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.5	89.5
IV 2500	83.8	87.3	88.6	89.1	89.5	90.2	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 2000	84.3	88.1	89.4	90.0	90.4	91.3	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.1	92.1
IV 1800	85.0	88.7	90.0	90.7	91.1	92.0	92.5	92.5	92.9	92.9	92.9	92.9	92.9	93.0	93.0
IV 1500	85.0	88.9	90.2	90.8	91.2	92.1	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.3	93.3
IV 1200	85.0	88.9	90.2	90.8	91.2	92.2	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.4	93.4
IV 1000	85.6	89.5	90.8	91.5	92.0	93.0	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.3	94.3
IV 900	85.8	89.6	90.9	91.6	92.2	93.4	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.7	94.7
IV 800	85.9	89.8	91.1	91.8	92.6	93.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.5	95.5
IV 700	86.1	90.0	91.3	92.1	92.9	94.2	94.8	94.8	95.6	95.6	95.6	95.6	95.6	95.7	95.7
IV 600	86.1	90.0	91.5	92.5	93.3	94.6	95.5	95.5	96.4	96.4	96.4	96.4	96.4	96.5	96.5
IV 500	86.1	90.3	91.7	93.0	93.8	95.2	96.2	96.6	97.7	97.8	97.8	98.1	98.1	98.2	98.2
IV 400	86.1	90.3	91.7	93.0	93.8	95.5	96.6	97.0	98.2	98.3	98.4	98.8	98.8	99.0	99.0
IV 300	86.3	90.4	91.8	93.1	93.9	95.6	96.8	97.2	98.6	98.8	99.0	99.4	99.4	99.5	99.5
IV 200	86.3	90.4	91.8	93.1	93.9	95.6	96.8	97.2	98.7	99.0	99.1	99.6	99.6	99.7	99.7
IV 100	86.3	90.4	91.8	93.1	93.9	95.6	96.8	97.2	98.7	99.0	99.1	99.6	99.6	99.7	99.9
IV 0	86.3	90.4	91.8	93.1	93.9	95.6	96.8	97.2	98.7	99.0	99.1	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 772

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LTT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.2	63.4	65.5	66.8	66.8	67.0	67.0	67.3	68.1	68.1	68.1	68.5	68.5	68.5	68.5
IV 18000 IV 16000	62.8	68.8	71.1	72.4	72.4	72.5	72.5	72.8	73.7	73.7	73.7	74.0	74.0	74.0	74.0
IV 14000 IV 12000	62.8	68.8	71.1	72.4	72.4	72.5	72.5	72.8	73.7	73.7	73.7	74.0	74.0	74.0	74.0
IV 10000 IV 9000	63.3	69.3	71.7	73.0	73.0	73.2	73.2	73.5	74.3	74.3	74.3	74.6	74.6	74.6	74.6
IV 8000 IV 7000	64.9	70.9	73.3	74.6	74.6	74.8	74.8	75.1	75.9	75.9	75.9	76.3	76.3	76.3	76.3
IV 6000 IV 5000	68.8	75.4	78.0	79.3	79.3	79.5	79.5	79.8	80.7	80.7	80.7	81.0	81.0	81.0	81.0
IV 4500 IV 4000	69.9	75.6	78.2	79.5	79.5	79.7	79.7	80.0	80.8	80.8	80.8	81.1	81.1	81.1	81.1
IV 3500 IV 3000	69.8	76.7	79.7	81.1	81.1	81.3	81.3	81.6	82.4	82.4	82.4	82.9	82.9	82.9	82.9
IV 2500 IV 2000	70.1	77.1	80.2	82.0	82.0	82.1	82.1	82.4	83.3	83.3	83.3	83.7	83.7	83.7	83.7
IV 1800 IV 1500	71.1	78.4	81.6	83.9	83.9	84.1	84.1	84.4	85.2	85.4	85.4	85.7	85.7	85.7	85.7
IV 1200 IV 1000	72.2	79.7	83.1	85.4	85.4	85.5	85.5	85.9	86.7	86.8	86.8	87.2	87.2	87.2	87.2
IV 900 IV 800	73.2	81.1	84.6	86.8	87.0	87.2	87.2	87.5	88.3	88.5	88.5	88.8	88.8	88.8	88.8
IV 700 IV 600	75.1	83.7	87.3	89.8	89.9	90.1	90.1	90.4	91.2	91.4	91.4	91.7	91.7	91.7	91.7
IV 500 IV 400	75.8	84.6	88.1	90.6	90.7	90.9	90.9	91.2	92.0	92.2	92.2	92.5	92.5	92.5	92.5
IV 300 IV 200	76.1	84.9	88.5	90.9	91.1	91.2	91.2	91.5	92.4	92.5	92.5	92.8	92.8	92.8	92.8
IV 100 0	76.1	85.0	88.9	91.4	91.7	91.9	91.9	92.2	93.0	93.2	93.2	93.5	93.5	93.5	93.5
IV 100 0	76.1	85.0	89.1	91.5	91.9	92.0	92.0	92.4	93.2	93.3	93.3	93.7	93.7	93.7	93.7
IV 100 0	76.4	85.5	89.8	92.2	92.5	92.7	92.7	93.0	93.8	94.0	94.0	94.3	94.3	94.3	94.3
IV 100 0	76.7	85.9	90.6	93.0	93.3	93.5	93.5	93.8	94.6	94.8	94.8	95.1	95.1	95.1	95.1
IV 100 0	76.7	85.9	90.6	93.0	93.3	93.5	93.5	93.8	94.6	94.8	94.8	95.1	95.1	95.1	95.1
IV 100 0	76.9	86.2	91.1	93.5	93.8	94.0	94.0	94.3	95.1	95.3	95.3	95.6	95.6	95.6	95.6
IV 100 0	76.9	86.8	91.9	94.3	94.6	94.8	94.8	95.1	95.9	96.1	96.1	96.4	96.4	96.4	96.4
IV 100 0	76.9	87.2	92.2	94.3	95.1	95.3	95.3	95.6	96.4	96.6	96.6	96.9	96.9	96.9	96.9
IV 100 0	76.9	87.2	92.5	95.1	95.4	95.6	95.6	95.9	96.7	96.9	96.9	97.2	97.2	97.2	97.2
IV 100 0	77.1	87.3	92.8	95.4	95.9	96.1	96.1	96.4	97.2	97.4	97.4	97.7	97.7	97.7	97.7
IV 100 0	77.2	87.5	93.2	95.8	96.3	96.4	96.4	96.7	97.6	97.8	97.8	98.1	98.1	98.1	98.1
IV 100 0	77.2	87.8	93.5	96.1	96.6	97.2	97.2	97.6	98.9	99.0	99.0	99.3	99.3	99.3	99.3
IV 100 0	77.2	87.8	93.5	96.1	96.6	97.2	97.2	97.6	98.9	99.0	99.0	99.3	99.3	99.3	99.3
IV 100 0	77.2	87.8	93.5	96.1	96.6	97.2	97.2	97.6	98.9	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 615

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	44.1	51.9	53.8	56.6	57.1	58.5	59.6	59.8	60.7	61.4	61.4	61.8	61.8	62.1	62.7
≥ 20000	48.7	57.0	59.3	62.4	62.9	64.3	65.6	65.7	66.7	67.5	67.5	67.9	67.9	68.3	69.0
IV 18000	48.7	57.0	59.3	62.4	62.9	64.3	65.6	65.7	66.7	67.5	67.5	67.9	67.9	68.3	69.0
IV 16000	48.7	57.0	59.3	62.4	62.9	64.3	65.6	65.7	66.7	67.5	67.5	67.9	67.9	68.3	69.0
IV 14000	49.7	58.0	60.3	63.3	63.9	65.3	66.5	66.7	67.6	68.5	68.5	69.0	69.0	69.4	70.1
IV 12000	52.4	60.9	63.2	66.4	66.9	68.3	69.6	69.7	70.7	71.5	71.5	72.1	72.1	72.5	73.2
IV 10000	57.1	65.8	68.3	71.5	72.1	73.4	74.7	74.8	75.8	76.6	76.6	77.2	77.2	77.6	78.3
IV 9000	57.5	66.3	68.7	71.9	72.5	73.9	75.1	75.2	76.2	77.0	77.0	77.7	77.7	78.1	78.8
IV 8000	58.9	67.8	70.3	73.6	74.1	75.5	76.8	76.9	77.9	78.7	78.7	79.4	79.4	79.8	80.5
IV 7000	59.9	68.9	71.4	74.8	75.5	77.2	78.6	78.7	79.7	80.5	80.5	81.2	81.2	81.6	82.3
IV 6000	60.6	69.6	72.1	75.7	76.3	78.0	79.4	79.5	80.5	81.3	81.3	82.0	82.0	82.4	83.1
IV 5000	62.4	71.4	74.4	78.8	79.5	81.2	82.6	82.7	83.7	84.5	84.5	85.2	85.2	85.6	86.3
IV 4500	63.5	72.5	75.5	79.9	80.6	82.3	83.7	83.8	84.9	85.8	85.8	86.4	86.4	86.9	87.6
IV 4000	64.3	73.4	76.6	81.2	81.9	83.7	85.1	85.2	86.3	87.1	87.1	87.8	87.8	88.2	88.9
IV 3500	64.6	73.7	76.9	81.5	82.2	84.0	85.3	85.5	86.6	87.4	87.4	88.1	88.1	88.5	89.2
IV 3000	64.6	73.7	76.9	81.5	82.2	84.0	85.3	85.5	86.6	87.4	87.4	88.1	88.1	88.5	89.2
IV 2500	64.9	74.1	77.3	82.3	83.0	84.8	86.2	86.3	87.4	88.2	88.2	88.9	88.9	89.3	90.0
IV 2000	65.7	75.0	78.1	83.1	83.8	85.6	87.1	87.3	88.4	89.2	89.2	89.9	89.9	90.3	91.0
IV 1800	66.1	75.4	78.7	83.7	84.4	86.2	87.8	88.0	89.2	90.0	90.0	90.7	90.7	91.1	91.8
IV 1500	66.5	75.8	79.3	84.4	85.2	87.0	88.7	88.8	90.0	90.9	90.9	91.6	91.6	92.0	92.7
IV 1200	66.8	76.3	79.9	85.1	85.9	87.7	89.3	89.5	90.7	91.6	91.6	92.3	92.3	92.7	93.4
IV 1000	66.8	76.8	80.6	86.0	86.9	88.7	90.5	90.6	91.8	92.7	92.7	93.4	93.4	93.8	94.5
IV 900	66.9	77.2	81.2	86.6	87.4	89.2	91.0	91.1	92.4	93.2	93.2	93.9	93.9	94.3	95.0
IV 800	66.9	77.2	81.2	87.0	87.8	89.9	91.7	91.8	93.1	93.9	93.9	94.6	94.6	95.0	95.7
IV 700	67.1	77.3	81.5	87.3	88.1	90.2	92.0	92.1	93.4	94.2	94.2	94.9	94.9	95.3	96.0
IV 600	67.4	77.6	81.9	87.7	88.5	90.6	92.4	92.5	93.9	94.7	94.7	95.4	95.4	95.9	96.5
IV 500	67.8	78.0	82.4	88.7	89.5	91.6	93.4	93.5	94.9	95.7	95.7	96.4	96.4	96.8	97.5
IV 400	68.0	78.6	83.0	89.2	90.2	92.3	94.1	94.2	95.7	96.5	96.5	97.2	97.2	97.6	98.3
IV 300	68.0	78.6	83.0	89.2	90.2	92.4	94.2	94.3	95.9	96.7	96.7	97.5	97.5	97.9	98.6
IV 200	68.0	78.6	83.0	89.2	90.2	92.4	94.2	94.3	95.9	97.0	97.0	97.8	97.8	98.2	98.9
IV 100	68.0	78.6	83.0	89.2	90.2	92.4	94.2	94.3	95.9	97.0	97.0	97.9	97.9	98.5	99.3
IV 0	68.0	78.6	83.0	89.2	90.2	92.4	94.2	94.3	95.9	97.0	97.0	97.9	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 723

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.3	49.2	53.1	56.4	57.0	59.1	59.2	59.3	59.6	59.7	59.7	59.8	59.8	60.0	60.5
IV 18000	44.6	53.5	57.8	61.0	62.5	63.9	64.0	64.1	64.3	64.8	64.8	64.9	65.1	65.4	66.0
IV 16000	44.6	53.5	57.8	61.0	62.5	63.9	64.0	64.1	64.5	64.8	64.8	64.9	65.1	65.4	66.0
IV 14000	45.3	54.1	58.4	61.6	63.1	64.5	64.6	64.7	65.2	65.5	65.5	65.6	65.7	66.0	66.7
IV 12000	47.4	56.4	60.9	64.1	65.7	67.2	67.4	67.5	67.9	68.2	68.2	68.3	68.4	68.7	69.5
IV 10000	50.9	61.3	66.3	69.7	71.5	73.1	73.4	73.5	73.9	74.2	74.3	74.4	74.5	74.8	75.7
IV 9000	51.7	62.5	67.5	70.9	72.7	74.4	74.7	74.8	75.3	75.7	75.8	75.9	76.0	76.3	77.1
IV 8000	53.4	64.5	69.7	73.2	75.1	76.8	77.1	77.3	77.7	78.1	78.2	78.3	78.4	78.7	79.5
IV 7000	54.9	66.2	71.4	75.2	77.0	78.8	79.1	79.4	79.8	80.4	80.5	80.6	80.7	81.1	81.9
IV 6000	55.2	66.5	71.8	76.0	77.8	79.6	79.9	80.2	80.8	81.4	81.5	81.6	81.7	82.1	82.9
IV 5000	57.3	68.8	74.2	78.6	80.4	82.2	82.5	82.8	83.4	84.1	84.2	84.3	84.4	84.8	85.7
IV 4500	58.1	69.7	75.4	79.7	81.5	83.3	83.6	83.9	84.5	85.3	85.4	85.5	85.6	86.0	86.8
IV 4000	58.6	70.2	75.9	80.2	82.0	84.1	84.4	84.7	85.4	86.1	86.3	86.4	86.5	86.9	87.7
IV 3500	58.8	70.5	76.2	80.6	82.4	84.7	85.1	85.4	86.0	86.7	86.9	87.0	87.1	87.5	88.3
IV 3000	59.0	70.8	76.5	80.9	82.7	85.1	85.4	85.7	86.3	87.0	87.2	87.3	87.4	87.8	88.6
IV 2500	59.3	71.1	76.8	81.2	83.0	85.7	86.0	86.3	86.9	87.6	87.8	87.9	88.0	88.4	89.2
IV 2000	59.6	71.5	77.2	81.6	83.4	86.1	86.4	86.7	87.3	88.0	88.2	88.3	88.4	88.8	89.6
IV 1800	59.6	71.6	77.3	81.7	83.6	86.3	86.6	86.9	87.5	88.2	88.4	88.5	88.6	89.0	89.8
IV 1500	59.9	72.0	77.7	82.1	84.4	87.4	87.8	88.1	88.8	89.5	89.7	89.8	89.9	90.3	91.1
IV 1200	60.1	72.3	78.2	83.1	85.8	89.1	89.5	89.8	90.5	91.2	91.4	91.5	91.6	92.0	92.8
IV 1000	60.5	72.7	78.8	83.8	86.7	90.1	90.5	90.8	91.5	92.2	92.4	92.5	92.7	93.1	93.9
IV 900	60.6	72.8	78.9	84.0	87.0	90.8	91.3	91.6	92.4	93.1	93.3	93.4	93.6	94.0	94.8
IV 800	60.6	72.8	78.9	84.3	87.3	91.2	91.7	92.0	92.8	93.5	93.7	93.8	94.0	94.4	95.2
IV 700	60.9	73.2	79.3	85.3	88.4	92.4	93.0	93.3	94.2	94.9	95.2	95.3	95.5	95.9	96.7
IV 600	61.0	73.6	79.8	85.8	89.0	93.0	93.7	94.1	95.1	95.8	96.0	96.1	96.3	96.7	97.5
IV 500	61.3	74.0	80.3	86.6	89.8	93.8	94.5	94.9	96.0	96.7	97.0	97.2	97.5	97.9	98.7
IV 400	61.3	74.0	80.3	86.7	90.0	94.1	94.9	95.4	96.4	97.1	97.4	97.8	98.1	98.5	99.3
IV 300	61.3	74.0	80.3	86.7	90.0	94.1	94.9	95.4	96.4	97.2	97.5	98.0	98.3	98.7	99.6
IV 200	61.3	74.0	80.3	86.7	90.0	94.1	94.9	95.4	96.4	97.2	97.5	98.0	98.4	98.8	99.9
IV 100	61.3	74.0	80.3	86.7	90.0	94.1	94.9	95.4	96.4	97.2	97.5	98.0	98.4	98.8	99.9
IV 0	61.3	74.0	80.3	86.7	90.0	94.1	94.9	95.4	96.4	97.2	97.5	98.0	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.6 57.3	57.9 63.0	60.8 66.1	61.6 67.0	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3	61.7 67.3
IV 18000 IV 16000	57.3 57.3	63.0 63.1	66.1 66.2	67.0 67.1	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4
IV 14000 IV 12000	58.1 60.2	64.0 66.4	67.1 69.4	68.0 70.4	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7	68.3 70.7
IV 10000 IV 9000	62.4 63.5	69.2 70.9	72.8 74.5	73.9 75.7	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0	74.2 76.0
IV 8000 IV 7000	65.5 67.2	73.3 75.2	77.0 78.9	78.2 80.2	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5	78.5 80.5
IV 6000 IV 5000	68.1 69.2	76.3 77.5	80.1 81.3	81.6 83.2	81.9 83.5	81.9 83.6	81.9 83.6	81.9 83.6	81.9 83.7	81.9 83.7	81.9 83.7	81.9 83.7	81.9 83.7	81.9 83.7	81.9 83.7
IV 4500 IV 4000	69.4 71.2	77.8 79.8	81.6 83.7	83.5 85.7	83.8 86.0	83.9 86.1	84.0 86.2	84.0 86.3	84.1 86.3	84.1 86.3	84.1 86.3	84.1 86.3	84.1 86.3	84.1 86.3	84.1 86.3
IV 3500 IV 3000	71.7 72.7	80.4 81.4	84.3 85.4	86.3 87.4	86.6 87.7	86.7 87.8	86.8 87.9	86.8 88.0	86.9 88.0	86.9 88.0	86.9 88.0	86.9 88.0	86.9 88.0	86.9 88.0	86.9 88.0
IV 2500 IV 2000	73.5 74.2	82.2 83.0	86.7 87.8	88.8 89.9	89.2 90.5	89.3 90.7	89.4 90.8	89.4 90.9	89.5 90.9	89.5 90.9	89.5 90.9	89.5 90.9	89.5 90.9	89.5 90.9	89.5 90.9
IV 1800 IV 1500	74.4 75.7	83.2 84.7	88.1 89.8	90.2 92.1	90.9 92.9	91.0 93.1	91.1 93.2	91.1 93.2	91.2 93.3	91.2 93.3	91.2 93.3	91.2 93.3	91.2 93.3	91.2 93.3	91.2 93.3
IV 1200 IV 1000	76.3 76.5	85.5 85.8	90.7 91.4	93.5 94.3	95.1 95.9	95.3 96.5	95.4 96.6	95.5 96.7	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8
IV 900 IV 800	76.5 76.5	85.8 85.8	91.4 91.5	94.3 94.7	95.9 96.3	96.5 97.2	96.7 97.5	96.8 97.6	96.8 97.6	96.8 97.6	96.8 97.6	96.8 97.6	96.8 97.6	96.8 97.6	96.8 97.6
IV 700 IV 600	76.5 76.5	85.8 85.9	91.6 91.9	94.9 95.6	96.5 97.2	97.3 98.3	97.8 98.7	97.8 98.8	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9
IV 500 IV 400	76.5 76.5	85.9 85.9	91.9 91.9	95.9 95.9	97.6 97.6	98.8 98.8	99.2 99.2	99.5 99.5	99.6 99.7	99.6 99.7	99.6 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 300 IV 200	76.5 76.5	85.9 85.9	91.9 91.9	95.9 95.9	97.6 97.6	98.8 98.8	99.2 99.2	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	76.5 76.5	85.9 85.9	91.9 91.9	95.9 95.9	97.6 97.6	98.8 98.8	99.2 99.2	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.6	54.7	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000 16000	59.1	62.8	64.6	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000 12000	60.3	64.3	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 10000 9000	66.3	70.6	72.6	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000 7000	69.1	74.1	76.4	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 6000 5000	72.0	77.3	79.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500 4000	74.1	79.8	82.2	83.2	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 3500 3000	78.8	85.2	87.9	89.0	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2500 2000	81.6	88.2	91.3	92.7	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500 1000	82.4	89.0	92.9	94.3	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200 1000	82.8	90.0	94.0	95.8	96.8	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900 800	82.8	90.0	94.1	95.9	97.0	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700 600	82.8	90.0	94.1	96.1	97.2	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500 400	82.8	90.0	94.2	96.5	97.6	98.5	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 300 200	82.8	90.0	94.2	96.6	98.0	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	82.8	90.0	94.2	96.6	98.0	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.8	53.9	55.6	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 18000	60.3	63.7	65.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 16000	60.3	63.7	65.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 14000	60.7	64.0	66.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 12000	62.6	67.1	69.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 10000	66.7	70.5	72.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 9000	67.2	71.0	73.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	70.5	74.7	77.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	72.6	76.9	79.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	73.2	77.8	80.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 5000	74.9	80.1	82.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	75.8	80.9	83.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 4000	79.4	85.0	88.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500	80.3	86.0	89.3	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	82.1	87.8	91.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	82.2	88.1	91.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	82.4	88.7	92.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	82.4	88.7	92.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1500	82.4	88.8	92.5	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	82.4	88.8	92.5	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	82.4	88.8	92.5	96.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	82.4	88.8	93.0	97.2	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	82.4	88.8	93.1	97.3	97.9	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	82.5	88.9	93.2	97.4	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	82.7	89.1	93.5	97.8	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	82.7	89.1	93.5	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEAD MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	51.3	53.8	55.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IVV 18000	62.7	66.2	68.6	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IVV 16000	62.7	66.2	68.6	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IVV 14000	63.0	66.6	68.9	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IVV 12000	65.4	69.1	71.7	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IVV 10000	68.7	72.6	75.8	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IVV 9000	69.5	73.4	76.7	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IVV 8000	71.4	75.4	79.0	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IVV 7000	72.9	76.9	80.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IVV 6000	73.2	77.7	81.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IVV 5000	75.5	80.3	84.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IVV 4500	76.2	81.1	85.1	88.5	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IVV 4000	78.7	83.7	88.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVV 3500	79.2	84.3	88.9	92.8	93.4	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVV 3000	79.9	85.2	89.8	93.7	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVV 2500	80.7	86.1	91.0	95.0	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVV 2000	80.9	86.5	91.4	95.4	96.1	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVV 1800	80.9	86.5	91.7	95.9	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IVV 1600	80.9	86.5	91.8	96.0	96.8	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVV 1400	81.0	86.6	91.9	96.1	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVV 1200	81.1	86.7	92.4	96.6	97.5	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVV 1000	81.2	86.7	92.6	96.8	97.7	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 900	81.2	86.9	92.6	96.9	97.8	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVV 800	81.2	86.9	92.7	97.0	98.1	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 700	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 600	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 500	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 400	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 300	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 200	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 100	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVV 0	81.2	86.9	92.7	97.0	98.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.1	59.9	62.5	64.0	64.2	64.6	64.7	64.7	65.1	65.1	65.1	65.2	65.2	65.2	65.2
IV 18000	63.3	67.6	70.7	72.7	73.2	73.6	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2
IV 16000	63.3	67.6	70.7	72.7	73.2	73.6	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2
IV 14000	63.8	68.1	71.2	73.2	73.7	74.1	74.2	74.2	74.6	74.6	74.6	74.7	74.7	74.7	74.7
IV 12000	65.1	69.4	72.4	74.5	75.0	75.3	75.5	75.5	75.9	75.9	75.9	76.0	76.0	76.0	76.0
IV 10000	68.6	72.9	76.1	78.4	78.9	79.3	79.4	79.4	79.8	79.8	79.8	79.9	79.9	79.9	79.9
IV 9000	69.2	73.5	76.6	78.9	79.4	79.8	79.9	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4
IV 8000	71.6	76.1	79.4	81.7	82.2	82.7	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3
IV 7000	72.4	77.1	80.4	82.7	83.2	83.7	83.8	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3
IV 6000	72.8	78.5	81.9	84.2	84.8	85.3	85.5	85.5	85.8	85.8	85.8	86.0	86.0	86.0	86.0
IV 5000	74.6	80.5	84.3	86.6	87.2	87.7	88.0	88.0	88.4	88.4	88.4	88.5	88.5	88.5	88.5
IV 4500	74.7	80.9	84.7	87.0	87.6	88.1	88.4	88.4	88.7	88.7	88.7	88.9	88.9	88.9	88.9
IV 4000	76.1	82.9	87.1	89.6	90.8	91.7	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IV 3500	77.2	84.2	88.4	91.2	92.4	93.3	93.7	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 3000	77.6	84.6	88.9	91.7	92.9	93.8	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 2500	77.7	85.0	89.8	92.5	93.8	94.7	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6
IV 2000	77.9	85.3	90.1	92.9	94.2	95.1	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.0
IV 1800	77.9	85.3	90.3	93.0	94.3	95.2	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IV 1500	78.3	85.7	90.8	93.7	94.9	95.8	96.2	96.2	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 1200	78.3	85.7	91.2	94.2	95.4	96.3	96.7	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 1000	78.6	86.3	91.8	94.8	96.1	97.0	97.3	97.3	97.9	97.9	97.9	98.0	98.0	98.0	98.0
IV 900	78.9	86.7	92.2	95.2	96.5	97.3	97.7	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4
IV 800	78.9	86.7	92.2	95.2	96.5	97.3	97.9	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
IV 700	78.9	86.7	92.4	95.4	96.7	97.7	98.1	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 600	78.9	86.7	92.7	95.7	97.0	98.0	98.4	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	78.9	86.7	92.8	95.8	97.1	98.2	98.7	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	78.9	86.7	92.8	95.8	97.1	98.2	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	78.9	86.7	92.8	95.8	97.2	98.3	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	78.9	86.7	92.8	95.8	97.2	98.3	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	78.9	86.7	92.8	95.8	97.2	98.3	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	78.9	86.7	92.8	95.8	97.2	98.3	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC FORM 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 61

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	58.5	65.7	67.4	69.0	69.1	69.1	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.9	69.9
IV 18000	65.0	73.4	75.1	76.8	77.0	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 16000	65.0	73.4	75.1	76.8	77.0	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 14000	65.0	73.4	75.1	76.8	77.0	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 12000	67.4	75.9	77.7	79.6	79.7	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.5	80.5
IV 10000	73.3	82.0	84.5	86.5	86.6	86.6	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.4	87.4
IV 9000	73.4	82.3	84.8	86.8	86.9	86.9	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.7	87.7
IV 8000	74.7	83.9	86.3	88.3	88.5	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2
IV 7000	75.4	84.6	87.3	89.2	89.4	89.4	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.2	90.2
IV 6000	75.9	85.3	87.9	90.3	90.5	90.5	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2
IV 5000	76.8	86.2	88.8	91.2	91.4	91.4	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 4500	76.8	86.2	88.8	91.2	91.4	91.4	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6
IV 4000	76.8	86.6	89.2	92.2	92.3	92.3	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 3500	76.8	86.6	89.4	92.3	92.3	92.3	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 3000	77.0	86.8	89.7	92.6	92.8	92.8	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.9	93.9
IV 2500	77.0	86.8	89.7	92.6	92.8	92.8	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.9	93.9
IV 2000	77.7	87.6	90.5	93.4	93.5	93.5	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.6	94.6
IV 1800	77.9	87.7	90.6	93.5	93.7	93.7	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8
IV 1500	78.3	88.2	91.1	94.2	94.3	94.3	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.4	95.4
IV 1200	78.6	88.8	91.7	94.8	94.9	94.9	95.2	95.5	95.8	95.8	95.8	95.8	95.8	96.0	96.0
IV 1000	79.0	89.2	92.3	95.4	95.5	95.5	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
IV 900	79.0	89.2	92.3	95.4	95.5	95.5	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
IV 800	79.0	89.2	92.3	95.4	95.5	95.5	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
IV 700	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 600	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 500	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 400	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 300	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 200	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 100	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8
IV 0	79.1	89.4	92.5	95.5	95.7	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.6	50.9	54.5	58.8	59.6	60.4	61.2	61.6	62.3	62.8	62.9	63.1	63.2	63.5	64.1
IV 16000	48.5	56.5	60.2	64.5	65.5	66.5	67.5	67.7	68.7	68.9	69.1	69.3	69.6	69.9	70.7
IV 14000	48.5	56.5	60.4	64.7	65.6	66.7	67.6	67.9	68.8	69.1	69.2	69.5	69.7	70.0	70.8
IV 12000	48.6	56.6	60.5	64.8	65.7	66.8	67.7	68.0	68.9	69.2	69.3	69.6	69.9	70.1	71.0
IV 10000	51.0	59.3	63.9	67.9	68.8	69.9	71.0	71.2	72.3	72.6	72.7	73.0	73.2	73.3	74.3
IV 9000	56.8	65.5	69.9	74.6	75.5	76.7	77.9	78.2	79.4	79.7	79.8	80.1	80.3	80.6	81.4
IV 8000	57.0	65.7	70.3	75.0	76.0	77.2	78.4	78.7	79.9	80.2	80.3	80.6	80.9	81.1	81.9
IV 7000	58.2	67.3	71.9	76.6	77.6	79.0	80.2	80.5	81.7	81.9	82.1	82.3	82.6	82.9	83.7
IV 6000	58.9	68.3	73.1	78.2	79.3	80.7	81.9	82.2	83.4	83.7	83.8	84.1	84.3	84.6	85.4
IV 5000	59.6	69.1	74.0	79.1	80.2	81.9	83.1	83.4	84.6	84.9	85.0	85.3	85.5	85.8	86.6
IV 4500	60.8	70.3	75.2	80.6	81.7	83.4	84.6	84.9	86.5	86.7	86.8	87.1	87.4	87.7	88.5
IV 4000	60.9	70.4	75.4	80.7	81.8	83.5	84.9	85.1	86.9	87.1	87.3	87.6	87.8	88.1	88.9
IV 3500	60.9	70.8	75.9	81.5	82.7	84.5	85.8	86.1	87.8	88.1	88.2	88.5	88.8	89.0	89.8
IV 3000	60.9	70.8	76.0	81.7	83.0	84.9	86.2	86.5	88.2	88.5	88.6	88.9	89.2	89.4	90.2
IV 2500	61.0	71.0	76.3	81.9	83.3	85.1	86.5	86.7	89.0	89.3	89.4	89.7	90.0	90.2	91.0
IV 2000	61.0	71.0	76.4	82.2	83.5	85.4	86.7	87.0	89.3	89.6	89.7	90.0	90.2	90.5	91.3
IV 1800	62.1	72.0	77.6	83.4	84.9	86.7	88.1	88.4	90.6	90.9	91.0	91.3	91.6	91.8	92.6
IV 1500	62.4	72.3	77.9	83.7	85.1	87.0	88.4	88.6	90.9	91.2	91.3	91.6	91.8	92.1	92.9
IV 1200	62.0	72.8	78.4	84.2	85.7	87.6	88.9	89.2	91.4	91.7	91.8	92.1	92.4	92.6	93.4
IV 1000	63.3	73.5	79.1	85.0	86.7	88.8	90.1	90.4	92.6	92.9	93.0	93.3	93.6	93.8	94.6
IV 900	63.5	73.8	79.4	85.7	87.4	89.6	90.9	91.2	93.6	93.8	94.0	94.2	94.5	94.8	95.6
IV 800	63.7	74.0	79.8	86.2	88.0	90.1	91.6	91.8	94.2	94.5	94.6	94.9	95.2	95.4	96.2
IV 700	63.9	74.2	79.9	86.3	88.2	90.4	92.0	92.2	94.6	94.9	95.0	95.3	95.6	95.9	96.7
IV 600	63.9	74.2	79.9	86.3	88.2	90.4	92.1	92.4	94.8	95.0	95.2	95.4	95.9	96.1	96.9
IV 500	63.9	74.3	80.1	86.6	88.5	90.8	92.5	92.8	95.2	95.4	95.6	95.9	96.3	96.5	97.3
IV 400	63.9	74.4	80.2	86.9	89.0	91.3	93.0	93.3	96.0	96.5	96.7	97.1	97.5	97.7	98.5
IV 300	63.9	74.4	80.2	86.9	89.0	91.3	93.0	93.3	96.0	96.5	96.7	97.1	97.5	97.7	98.5
IV 200	63.9	74.4	80.2	86.9	89.0	91.3	93.0	93.3	96.0	96.5	96.7	97.1	97.5	97.7	98.5
IV 100	63.9	74.4	80.2	86.9	89.0	91.3	93.0	93.3	96.0	96.5	96.7	97.1	97.5	97.7	98.5
IV 0	63.9	74.4	80.2	86.9	89.0	91.3	93.0	93.3	96.0	96.5	96.7	97.1	97.5	97.7	98.5

TOTAL NUMBER OF OBSERVATIONS 747

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.0 35.3	38.0 42.6	42.7 48.0	48.0 53.6	50.0 55.7	51.1 56.9	51.8 57.6	52.3 58.1	53.2 59.0	53.4 59.2	53.5 59.3	53.7 59.7	53.8 59.8	53.9 59.9	54.4 60.5
≥ 18000 ≥ 16000	35.3 35.3	42.6 42.6	48.0 48.0	53.6 53.6	55.7 55.7	56.9 56.9	57.6 57.6	58.1 58.1	59.0 59.0	59.2 59.2	59.3 59.3	59.7 59.7	59.8 59.8	59.9 59.9	60.5 60.5
≥ 14000 ≥ 12000	35.5 37.3	42.8 45.1	48.2 51.3	53.8 57.4	55.9 59.5	57.1 60.8	57.9 61.6	58.4 62.1	59.3 63.1	59.5 63.5	59.6 63.6	60.1 64.1	60.2 64.2	60.3 64.3	60.8 64.9
≥ 10000 ≥ 9000	41.8 42.3	50.1 50.7	57.3 57.9	63.5 64.2	66.1 66.8	67.9 68.7	68.8 69.6	69.6 70.4	71.0 71.9	71.7 72.6	71.7 72.7	72.3 73.3	72.4 73.4	72.5 73.5	73.1 74.1
≥ 8000 ≥ 7000	44.1 45.1	53.1 54.3	60.6 62.5	67.4 69.4	70.1 72.1	72.1 74.2	73.0 75.1	73.8 75.9	75.7 77.7	76.3 78.5	76.4 78.6	77.0 79.2	77.1 79.3	77.2 79.4	77.8 80.0
≥ 6000 ≥ 5000	45.8 47.0	55.0 56.2	63.2 64.7	70.3 72.1	73.1 75.1	75.2 77.6	76.1 78.5	76.8 79.3	78.7 81.1	79.5 81.9	79.6 82.0	80.2 82.6	80.3 82.7	80.4 82.8	80.9 83.4
≥ 4500 ≥ 4000	47.4 47.6	56.7 56.9	65.2 65.9	72.8 73.7	75.8 76.8	78.4 79.7	79.3 80.7	80.3 81.8	82.2 83.9	83.0 85.0	83.1 85.1	83.7 85.7	83.8 85.9	83.9 86.0	84.5 86.6
≥ 3500 ≥ 3000	47.6 47.7	56.9 57.0	66.0 66.2	73.9 74.1	77.2 77.5	80.2 80.4	81.2 81.5	82.3 82.6	84.4 84.8	85.5 86.0	85.6 86.1	86.2 86.7	86.4 86.9	86.5 87.0	87.1 87.6
≥ 2500 ≥ 2000	47.7 48.5	57.1 58.0	66.3 67.4	74.4 75.7	77.9 79.3	80.8 82.5	81.9 83.6	83.0 84.7	85.2 87.0	86.4 88.2	86.5 88.3	87.1 88.9	87.3 89.1	87.4 89.1	88.0 89.7
≥ 1800 ≥ 1500	48.6 48.8	58.1 58.4	67.7 68.0	76.1 76.3	79.7 80.4	82.9 83.7	84.0 84.8	85.0 85.9	87.4 88.3	88.6 89.5	88.7 89.6	89.2 90.2	89.4 90.4	89.5 90.5	90.1 91.1
≥ 1200 ≥ 1000	49.5 50.0	59.1 59.8	68.8 69.6	77.4 78.4	81.6 82.9	85.3 86.7	86.6 88.0	87.8 89.2	90.1 91.7	91.4 93.0	91.5 93.1	92.1 93.6	92.3 93.8	92.4 93.9	93.0 94.5
≥ 900 ≥ 800	50.0 50.5	59.9 60.4	69.7 70.2	78.5 79.2	83.1 83.8	86.9 87.6	88.2 89.1	89.4 90.5	91.9 93.0	93.2 94.2	93.3 94.3	93.8 94.9	94.0 95.1	94.1 95.2	94.7 95.8
≥ 700 ≥ 600	50.5 50.5	60.6 60.8	70.4 70.7	79.4 79.7	84.1 84.4	87.9 88.4	89.5 90.0	91.0 91.5	93.5 94.0	94.7 95.5	94.8 95.7	95.4 96.3	95.6 96.5	95.7 96.6	96.3 97.2
≥ 500 ≥ 400	50.5 50.5	60.8 60.9	70.7 70.8	79.8 79.9	84.5 84.6	88.7 88.8	90.5 90.6	92.0 92.1	94.6 95.0	96.2 96.7	96.4 96.9	97.1 97.6	97.3 97.8	97.4 97.8	97.9 98.4
≥ 300 ≥ 200	50.5 50.5	60.9 60.9	70.8 70.8	79.9 79.9	84.6 84.6	88.8 88.8	90.6 90.6	92.1 92.2	95.0 95.1	96.8 96.9	97.0 97.2	97.8 98.0	97.9 98.2	98.0 98.4	98.7 99.1
≥ 100 ≥ 0	50.5 50.5	60.9 60.9	70.8 70.8	79.9 79.9	84.6 84.6	88.8 88.8	90.6 90.6	92.2 92.2	95.1 95.1	96.9 96.9	97.2 97.2	98.1 98.1	98.4 98.4	98.6 98.6	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.3	49.6	54.6	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000 ≥ 16000	47.2	53.5	59.1	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000 ≥ 12000	47.2	53.5	59.1	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000 ≥ 9000	47.8	54.2	59.8	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000 ≥ 7000	50.6	57.5	63.8	66.9	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000 ≥ 5000	54.8	63.0	69.7	72.7	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500 ≥ 4000	55.2	63.6	70.7	73.7	74.5	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500 ≥ 3000	58.7	67.7	75.1	78.3	79.1	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500 ≥ 2000	60.0	69.5	76.9	80.2	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800 ≥ 1500	60.5	70.0	77.7	80.9	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200 ≥ 1000	61.2	70.7	78.7	82.1	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900 ≥ 800	61.5	71.1	79.2	82.7	83.5	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 700 ≥ 600	62.2	71.8	80.1	83.7	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 500 ≥ 400	62.6	72.3	80.6	84.5	85.4	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 300 ≥ 200	63.7	73.7	82.1	86.1	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 100 0	64.4	74.5	83.0	87.0	88.3	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	65.3	75.8	84.8	89.1	90.5	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	65.6	76.1	85.3	89.5	91.2	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	65.8	76.4	85.8	90.2	92.0	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	67.0	78.2	88.1	92.9	94.8	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	67.2	78.5	88.4	93.5	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	67.2	78.6	88.5	93.6	96.6	97.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	67.4	78.9	88.9	94.5	97.6	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	67.4	78.9	88.9	94.8	97.8	98.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	67.4	78.9	88.9	94.8	97.8	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	67.4	78.9	88.9	94.8	98.0	98.7	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	67.4	78.9	88.9	94.8	98.0	98.7	99.0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	67.4	78.9	88.9	94.8	98.0	98.7	99.0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	67.4	78.9	88.9	94.8	98.0	98.7	99.0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	67.4	78.9	88.9	94.8	98.0	98.7	99.0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	47.2 54.0	52.0 59.3	54.4 62.2	55.4 63.5	55.9 64.2	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	56.2 64.5	
IV 18000 IV 16000	54.0 54.0	59.3 59.3	62.2 62.2	63.5 63.5	64.2 64.2	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	64.5 64.5	
IV 14000 IV 12000	54.5 58.5	59.9 64.5	62.9 67.8	64.2 69.3	64.9 70.0	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	65.2 70.3	
IV 10000 IV 9000	62.3 62.6	69.3 69.7	73.4 73.9	74.9 75.4	75.8 76.2	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	76.1 76.5	
IV 8000 IV 7000	64.4 65.5	72.2 73.7	77.1 78.7	78.6 80.3	79.5 81.1	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	79.8 81.4	
IV 6000 IV 5000	66.0 67.9	74.4 76.3	79.5 81.4	81.1 83.1	82.0 84.1	82.3 84.4	82.4 84.5	82.4 84.5	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6	
IV 4500 IV 4000	68.2 69.7	76.6 78.4	81.7 83.7	83.4 85.7	84.5 86.8	84.8 87.1	84.8 87.2	84.8 87.3	84.9 87.3	84.9 87.3	84.9 87.3	84.9 87.3	84.9 87.3	84.9 87.3	84.9 87.3	
IV 3500 IV 3000	71.0 72.7	79.9 82.1	83.2 87.8	87.3 90.0	88.4 91.3	88.7 91.6	88.8 91.7	88.8 91.8	88.9 91.8	88.9 91.8	88.9 91.8	88.9 91.8	88.9 91.8	88.9 91.8	88.9 91.8	
IV 2500 IV 2000	73.5 73.8	83.0 83.6	88.8 89.8	91.0 92.5	92.3 93.8	92.6 94.1	92.7 94.4	92.7 94.4	92.8 94.6	92.8 94.6	92.8 94.6	92.8 94.6	92.8 94.6	92.8 94.6	92.8 94.6	
IV 1800 IV 1500	74.1 74.4	84.2 84.7	90.7 91.3	93.4 94.0	94.7 95.6	95.0 95.9	95.3 96.2	95.3 96.2	95.5 96.4	95.5 96.4	95.5 96.4	95.5 96.4	95.5 96.4	95.5 96.4	95.5 96.4	
IV 1200 IV 1000	74.8 75.0	85.1 85.4	92.3 92.8	95.1 95.8	96.8 97.6	97.2 98.2	97.5 98.5	97.5 98.5	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	97.7 98.7	
IV 900 IV 800	75.0 75.0	85.4 85.4	92.8 93.0	95.8 96.1	97.7 98.0	98.3 98.7	98.6 99.0	98.6 99.0	98.8 99.3	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	98.8 99.4	
IV 700 IV 600	75.0 75.0	85.4 85.4	93.0 93.0	96.3 96.3	98.2 98.2	98.9 98.9	99.2 99.2	99.2 99.2	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	
IV 500 IV 400	75.0 75.0	85.4 85.4	93.0 93.0	96.3 96.3	98.2 98.2	98.9 98.9	99.2 99.2	99.2 99.2	99.6 99.7	99.7 99.8	99.7 99.8	99.8 99.8	99.8 99.9	99.8 99.9	99.8 99.9	
IV 300 IV 200	75.0 75.0	85.4 85.4	93.0 93.0	96.3 96.3	98.2 98.2	98.9 98.9	99.2 99.2	99.2 99.2	99.7 99.7	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	
IV 100 IV 0	75.0 75.0	85.4 85.4	93.0 93.0	96.3 96.3	98.2 98.2	98.9 98.9	99.2 99.2	99.2 99.2	99.7 99.7	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93743

FORT HEAD, MARYLAND/TIPTON AAF

60-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1700
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.9 59.9	54.9 65.9	56.5 67.8	57.8 69.1	58.5 69.9	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3	58.9 70.3
IV 18000	59.9	65.9	67.8	69.1	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	59.9	65.9	67.8	69.1	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	59.9	66.0	67.9	69.2	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	63.0	69.8	72.1	73.4	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 10000	66.7	73.8	76.8	78.4	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 9000	67.9	74.9	78.1	79.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	69.1	76.8	80.6	82.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 7000	69.5	77.6	81.4	83.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 6000	70.0	78.1	82.1	84.1	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	71.5	79.8	84.2	86.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4500	72.4	80.7	85.2	87.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	73.6	82.0	87.1	89.7	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3500	74.6	83.0	88.3	90.9	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	75.1	83.6	89.5	92.7	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500	75.2	83.7	89.6	92.8	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	75.5	84.0	90.0	93.2	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	75.6	84.1	90.3	93.5	95.6	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	75.7	84.3	90.8	94.1	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	75.8	84.4	91.1	94.5	96.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1000	75.9	84.5	91.4	94.7	96.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	76.1	84.7	91.6	94.9	97.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	76.2	84.9	91.8	95.1	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	76.2	85.0	91.9	95.2	97.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	76.2	85.0	92.0	95.3	97.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 983

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

PORT HEAD MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.2	53.3	55.0	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 18000	58.6	66.4	69.2	70.5	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 16000	58.6	66.4	69.2	70.5	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 14000	59.5	67.4	70.2	71.5	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	62.7	71.1	74.2	75.5	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 10000	68.9	78.4	82.0	83.9	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 9000	69.9	79.4	83.0	84.9	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 8000	70.1	79.7	83.4	85.5	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	70.2	80.2	84.2	86.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	70.3	80.4	84.3	86.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	72.0	82.0	86.0	88.4	89.5	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	72.1	82.2	86.3	88.7	89.8	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4000	72.8	83.1	88.0	90.8	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3500	73.1	83.4	88.3	91.2	92.6	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	74.0	84.5	89.7	93.0	94.5	95.1	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500	74.2	84.9	90.2	93.5	94.9	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	74.8	85.5	90.8	94.4	95.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	74.8	85.5	90.8	94.4	96.0	96.9	97.5	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0
IV 1500	74.9	86.0	91.3	94.8	96.5	97.6	98.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 1200	74.9	86.0	91.3	94.8	96.5	97.6	98.1	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 1000	75.1	86.1	91.4	94.9	96.6	97.7	98.2	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8
IV 900	75.4	86.4	91.7	95.3	97.0	98.2	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 800	75.6	86.6	91.9	95.5	97.2	98.5	99.0	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6
IV 700	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 600	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 500	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	75.6	86.6	91.9	95.5	97.2	98.6	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

93733
STATION

FORT HEAD, MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.7	59.5	62.0	62.6	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	63.7	70.0	73.1	74.7	75.0	75.1	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	63.7	70.0	73.1	74.7	75.0	75.1	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	63.7	70.0	73.1	74.7	75.0	75.1	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	63.7	70.0	73.1	74.7	75.0	75.1	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	66.2	73.0	76.4	78.0	78.3	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	70.7	78.4	81.9	83.5	84.0	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	71.1	79.2	82.7	84.4	84.9	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	72.5	80.9	84.6	86.9	87.5	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	73.1	81.7	85.3	87.6	88.5	88.8	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	73.3	82.0	85.7	88.0	88.8	89.2	89.2	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	74.4	83.1	87.0	89.4	90.4	91.0	91.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	74.5	83.6	87.5	89.9	90.9	91.5	91.5	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	74.8	84.2	88.2	91.0	92.0	92.6	92.6	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	75.1	84.6	88.6	91.4	92.3	93.0	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	75.5	84.9	89.3	92.2	93.3	94.0	94.0	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	76.1	85.8	90.2	93.2	94.3	95.1	95.1	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	76.5	86.3	90.9	94.2	95.3	96.1	96.1	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	76.7	86.4	91.0	94.4	95.5	96.4	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	77.0	87.0	91.6	95.0	96.1	97.1	97.1	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	77.2	87.1	91.7	95.4	96.5	97.6	97.6	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	77.4	87.4	92.1	95.9	97.0	98.3	98.3	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	77.4	87.4	92.1	95.9	97.0	98.3	98.3	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	77.4	87.4	92.1	95.9	97.0	98.3	98.4	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	77.4	87.4	92.1	96.0	97.1	98.5	98.7	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	77.4	87.4	92.1	96.0	97.1	98.5	98.7	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	77.4	87.4	92.1	96.0	97.2	98.9	99.0	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	77.4	87.4	92.1	96.1	97.3	99.0	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	77.4	87.4	92.1	96.1	97.3	99.0	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.4	87.4	92.1	96.1	97.3	99.0	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.4	87.4	92.1	96.1	97.3	99.0	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.4	87.4	92.1	96.1	97.3	99.0	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT HEAD MARYLAND/TIPTON AAF
STATION NAME

60-66
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.8	57.3	59.8	61.1	61.1	61.9	62.4	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7
NV 18000	58.7	65.7	68.2	69.6	69.6	70.4	70.8	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4
NV 16000	58.7	65.7	68.2	69.6	69.6	70.4	70.8	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4
NV 14000	58.7	65.7	68.2	69.6	69.6	70.4	70.8	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4
NV 12000	61.8	69.4	71.9	73.3	73.6	74.5	75.0	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6
NV 10000	66.8	75.7	79.1	80.5	81.0	81.9	82.3	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9
NV 9000	67.1	76.3	79.7	81.1	81.6	82.5	82.9	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6
NV 8000	69.3	79.0	82.6	84.0	84.5	85.4	85.9	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5
NV 7000	69.7	79.4	83.1	84.5	84.9	85.9	86.3	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9
NV 6000	70.4	80.0	83.7	85.1	85.6	86.5	86.9	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6
NV 5000	71.6	81.3	85.1	86.5	86.9	87.9	88.2	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9
NV 4500	71.9	81.6	85.4	86.8	87.3	88.2	88.6	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2
NV 4000	72.7	82.5	86.9	88.6	89.1	90.0	90.5	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
NV 3500	72.8	82.6	87.1	88.9	89.4	90.3	90.8	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4
NV 3000	73.7	83.7	88.5	90.3	90.8	91.7	92.2	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8
NV 2500	74.2	84.2	89.1	90.9	91.4	92.3	92.8	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4
NV 2000	75.7	85.7	90.6	92.4	93.2	94.2	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
NV 1800	76.3	86.3	91.2	93.4	93.9	94.8	95.2	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
NV 1500	76.3	86.3	91.6	93.7	94.2	95.1	95.5	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
NV 1200	76.3	86.5	91.6	93.7	94.2	95.1	95.7	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
NV 1000	76.3	86.9	92.2	94.3	94.8	95.7	96.5	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
NV 900	76.3	87.1	92.3	94.5	94.9	95.9	96.6	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4
NV 800	76.3	87.1	92.3	94.5	94.9	96.0	96.8	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7
NV 700	76.3	87.1	92.3	94.5	94.9	96.0	96.8	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7
NV 600	76.3	87.1	92.3	94.6	95.1	96.5	97.2	97.4	97.8	98.2	98.2	98.2	98.2	98.2	98.2
NV 500	76.3	87.3	92.5	94.8	95.2	96.6	97.4	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3
NV 400	76.3	87.4	92.6	94.9	95.4	96.8	97.7	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
NV 300	76.3	87.4	92.6	94.9	95.4	97.1	98.0	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2
NV 200	76.3	87.4	92.6	95.1	95.5	97.2	98.3	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
NV 100	76.3	87.4	92.6	95.1	95.5	97.2	98.3	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
NV 0	76.3	87.4	92.6	95.1	95.5	97.2	98.3	98.8	99.2	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.0	48.7	51.9	54.0	55.6	56.4	57.1	57.2	57.8	57.8	57.8	58.0	58.0	58.2	58.2
IV 18000 IV 16000	46.6	52.2	58.4	61.9	63.0	63.9	64.7	64.9	65.7	65.7	65.7	66.1	66.1	66.2	66.2
IV 14000 IV 12000	46.6	52.2	58.4	61.9	63.0	63.9	64.7	64.9	65.7	65.7	65.7	66.1	66.1	66.2	66.2
IV 10000 IV 9000	46.6	52.4	58.6	62.1	63.3	64.2	65.0	65.3	66.1	66.1	66.1	66.3	66.3	66.6	66.6
IV 8000 IV 7000	49.5	58.8	62.1	65.5	66.8	67.8	68.6	68.9	69.8	69.8	69.8	70.4	70.4	70.5	70.5
IV 6000 IV 5000	52.9	64.1	68.0	71.7	73.1	74.1	75.2	75.5	76.5	76.5	76.5	77.2	77.2	77.3	77.3
IV 4500 IV 4000	53.5	64.6	68.5	72.4	73.7	74.8	75.9	76.1	77.2	77.2	77.2	77.9	77.9	78.0	78.0
IV 3500 IV 3000	56.4	67.8	71.8	75.9	77.2	78.3	79.4	79.6	80.7	80.7	80.7	81.5	81.5	81.6	81.6
IV 2500 IV 2000	57.1	68.6	72.7	76.7	78.0	79.1	80.2	80.4	81.5	81.5	81.5	82.3	82.3	82.4	82.4
IV 1800 IV 1500	57.6	69.2	73.2	77.2	78.7	79.8	80.8	81.1	82.2	82.2	82.2	83.0	83.0	83.1	83.1
IV 1200 IV 1000	59.4	71.2	75.9	79.9	81.4	82.4	83.5	83.8	84.9	84.9	84.9	85.7	85.7	85.8	85.8
IV 900 IV 800	59.9	71.8	76.5	80.6	82.0	83.1	84.2	84.5	85.5	85.5	85.5	86.3	86.3	86.5	86.5
IV 700 IV 600	60.2	72.3	77.3	81.6	83.1	84.3	85.4	85.7	86.7	86.9	86.9	87.7	87.7	87.8	87.8
IV 500 IV 400	60.5	72.5	77.9	82.2	83.8	85.0	86.1	86.3	87.4	87.5	87.5	88.3	88.3	88.5	88.5
IV 300 IV 200	60.7	72.9	78.4	83.1	84.7	85.9	87.0	87.3	88.3	88.5	88.5	89.3	89.3	89.4	89.4
IV 100 IV 0	61.5	73.9	79.4	84.0	85.7	86.9	87.9	88.2	89.3	89.4	89.4	90.2	90.2	90.3	90.3
	61.9	74.3	79.8	85.0	86.7	88.1	89.1	89.4	90.6	90.8	90.8	91.6	91.6	91.7	91.7
	61.9	74.3	79.8	85.0	86.7	88.1	89.1	89.4	90.6	90.8	90.8	91.6	91.6	91.7	91.7
	62.2	74.9	80.6	86.2	87.9	89.4	90.5	90.8	92.0	92.2	92.2	93.0	93.0	93.2	93.2
	62.5	75.3	81.1	86.9	88.6	90.2	91.3	91.6	92.8	93.0	93.0	93.8	93.8	94.0	94.0
	62.7	75.6	81.6	87.4	89.1	90.8	92.0	92.2	93.6	93.8	93.8	94.6	94.6	94.8	94.8
	62.7	75.6	81.6	87.4	89.1	90.8	92.0	92.2	93.6	93.8	93.8	94.6	94.6	94.8	94.8
	62.7	75.6	81.6	87.4	89.1	90.8	92.0	92.2	93.6	93.8	93.8	94.6	94.6	94.8	94.8
	62.7	76.0	82.2	87.9	89.8	92.4	93.7	94.0	95.6	95.8	95.8	96.8	96.8	96.9	96.9
	62.9	76.1	82.3	88.1	89.9	92.6	94.0	94.2	95.8	96.1	96.1	97.1	97.1	97.2	97.2
	63.0	76.3	82.4	88.2	90.1	92.9	94.2	94.5	96.2	96.6	96.6	97.7	97.7	97.9	97.9
	63.1	76.7	82.8	88.6	90.5	93.3	94.8	95.0	96.8	97.2	97.3	98.4	98.4	98.5	98.5
	63.1	76.7	82.8	88.7	90.6	93.6	95.2	95.4	97.2	97.6	97.7	98.8	98.8	98.9	98.9
	63.3	76.8	83.0	88.9	90.8	93.7	95.3	95.6	97.5	97.9	98.0	99.1	99.1	99.2	99.2
	63.3	76.8	83.0	88.9	90.8	93.7	95.3	95.7	97.9	98.3	98.4	99.5	99.5	99.6	99.7
	63.3	76.8	83.0	88.9	90.8	93.7	95.3	95.7	97.9	98.3	98.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 746

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	29.0 33.1	35.9 40.7	41.3 46.6	46.3 52.2	48.8 54.7	51.1 57.5	52.4 58.8	53.0 59.6	54.0 60.7	54.5 61.4	54.5 61.4	54.7 61.6	54.8 61.8	55.0 62.0	55.2 62.3	
IV 18000 16000	33.1 33.1	40.7 40.7	46.6 46.6	52.2 52.2	54.7 54.7	57.5 57.5	58.8 58.8	59.6 59.6	60.7 60.7	61.4 61.4	61.4 61.4	61.6 61.6	61.8 61.8	62.0 62.0	62.3 62.3	
IV 14000 12000	33.2 36.6	40.8 43.3	46.7 51.8	52.3 57.8	54.8 60.5	57.6 63.3	58.9 64.7	59.7 65.5	60.8 66.7	61.5 67.4	61.5 67.4	61.7 67.5	61.9 67.7	62.1 67.9	62.3 68.3	
IV 10000 9000	38.0 38.8	47.1 47.8	55.2 56.3	62.0 63.1	64.8 66.1	68.2 69.6	69.8 71.2	70.6 71.9	71.7 73.1	72.5 73.9	72.5 73.9	72.8 74.2	73.0 74.4	73.2 74.6	73.6 75.0	
IV 8000 7000	40.1 40.8	50.4 51.1	59.6 60.4	67.6 68.4	71.0 71.7	74.8 75.6	76.3 77.1	77.1 77.9	78.3 79.1	79.1 79.9	79.1 79.9	79.4 80.2	79.6 80.4	79.8 80.5	80.3 81.0	
IV 6000 5000	41.3 42.8	51.7 53.4	61.2 63.1	69.5 71.5	72.9 75.0	76.8 78.9	78.4 80.5	79.2 81.3	80.4 82.5	81.1 83.3	81.1 83.3	81.4 83.6	81.6 83.8	81.8 84.0	82.3 84.4	
IV 4500 4000	42.9 43.0	53.6 53.7	63.4 63.6	71.7 72.4	75.3 76.1	79.2 80.1	80.8 81.8	81.6 82.6	82.8 83.8	83.6 84.6	83.6 84.6	83.9 84.8	84.1 85.0	84.3 85.2	84.8 85.5	
IV 3500 3000	43.6 43.8	54.3 54.5	64.4 64.6	73.2 73.7	76.8 77.3	80.8 81.4	82.7 83.3	83.5 84.1	84.8 85.3	85.5 86.1	85.5 86.1	85.8 86.4	86.0 86.6	86.2 86.8	86.7 87.3	
IV 2500 2000	43.9 44.1	54.6 54.9	64.7 65.0	74.0 74.4	77.7 78.1	81.8 82.3	83.7 84.2	84.5 84.9	85.7 86.2	86.6 87.1	86.6 87.1	86.9 87.4	87.1 87.6	87.3 87.8	87.8 88.3	
IV 1800 1500	44.1 44.8	54.9 55.7	65.0 65.8	74.5 75.4	78.2 79.3	82.4 84.0	84.3 85.8	85.0 86.7	86.3 88.0	87.2 88.9	87.2 88.9	87.5 89.1	87.7 89.3	87.9 89.5	88.4 90.0	
IV 1200 1000	45.0 45.4	55.9 56.3	66.1 66.7	75.7 76.4	79.8 80.5	84.3 85.0	86.2 87.0	87.2 88.0	88.5 89.3	89.3 90.6	89.3 90.6	89.6 90.9	89.9 91.2	90.1 91.4	90.6 91.9	
IV 900 800	45.5 45.8	56.5 56.6	67.1 67.2	77.2 77.3	81.3 81.4	85.8 85.9	88.0 88.2	89.0 89.4	90.3 90.8	91.6 92.1	91.6 92.1	91.9 92.4	92.2 92.8	92.4 93.0	92.9 93.5	
IV 700 600	45.6 45.7	56.7 56.8	67.4 67.6	78.0 78.4	82.2 83.0	86.9 87.8	89.2 90.2	90.5 91.6	91.9 93.1	93.2 94.3	93.2 94.3	93.5 94.8	93.9 95.3	94.1 95.9	94.6 96.0	
IV 500 400	45.8 45.8	57.0 57.0	67.8 67.8	78.6 78.6	83.2 83.4	88.4 88.6	91.0 91.2	92.4 92.7	93.8 94.2	95.1 95.6	95.1 95.6	95.6 96.1	96.1 96.6	96.3 96.8	96.8 97.3	
IV 300 200	45.8 46.0	57.0 57.2	67.8 68.0	78.6 78.8	83.6 83.8	88.9 89.1	91.4 91.8	93.1 93.3	94.8 95.1	96.2 96.6	96.2 96.6	96.7 97.1	97.2 97.6	97.4 97.8	97.7 98.3	
IV 100 0	46.0 46.0	57.2 57.2	68.0 68.0	78.8 78.8	83.8 83.8	89.1 89.1	91.8 91.8	93.3 93.3	95.1 95.1	96.6 96.6	96.6 96.6	97.1 97.1	97.8 97.8	98.1 98.2	99.2 100.0	

TOTAL NUMBER OF OBSERVATIONS 1023

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	47.7	54.2	57.2	57.5	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	48.3	55.7	62.8	66.2	66.5	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	48.5	55.7	62.8	66.2	66.5	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	48.5	55.7	62.8	66.2	66.5	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 14000	48.6	55.8	62.9	66.3	66.6	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	51.3	59.1	66.6	70.3	70.6	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	54.9	64.3	72.7	76.7	77.0	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 9000	55.0	64.5	73.0	77.0	77.3	77.6	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 8000	56.6	66.7	75.8	80.2	80.7	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 7000	56.9	67.1	76.2	80.7	81.3	81.8	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 6000	57.0	67.4	76.6	81.2	82.1	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 5000	58.1	68.8	78.1	82.7	83.6	84.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4500	58.3	69.0	78.3	82.9	83.8	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	58.9	70.2	79.7	84.4	85.2	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	59.5	70.8	80.3	85.1	86.0	86.6	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3000	59.8	71.2	80.8	85.7	86.6	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	60.4	71.8	81.8	86.7	87.6	88.4	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000	60.8	72.3	82.8	87.9	89.0	89.8	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800	61.2	72.7	83.2	88.3	89.3	90.2	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	61.7	73.4	84.2	89.4	90.5	91.3	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	62.4	74.3	85.4	90.8	92.0	93.0	93.5	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	62.6	74.5	85.9	91.8	93.1	94.0	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	62.8	74.7	86.5	92.4	93.7	94.9	95.6	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	62.8	74.7	86.9	93.3	94.6	95.8	96.5	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	63.0	74.9	87.1	93.5	95.1	96.3	97.0	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	63.0	75.0	87.3	93.7	95.6	97.0	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	63.1	75.2	87.6	94.0	96.2	97.7	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	63.1	75.2	87.6	94.0	96.2	97.7	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	63.1	75.2	87.6	94.0	96.2	97.7	98.6	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	63.1	75.2	87.7	94.1	96.3	97.8	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	63.1	75.2	87.7	94.1	96.3	97.8	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	63.1	75.2	87.7	94.1	96.3	97.8	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1023

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.F.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.2	48.8	53.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 18000	52.6	59.9	65.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	52.6	59.9	65.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	52.9	60.2	65.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	56.4	64.3	70.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	60.2	68.6	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	60.6	69.0	75.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	63.0	72.2	79.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	63.5	72.8	80.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	63.7	73.3	80.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 5000	64.2	74.2	81.6	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	64.9	75.1	82.5	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4000	67.0	78.0	85.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	67.8	79.2	87.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3000	69.9	81.2	89.1	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	71.0	82.5	90.6	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	71.7	83.8	92.5	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	71.7	84.0	92.7	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	72.2	84.8	93.7	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	72.2	85.1	94.2	96.8	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	72.4	85.3	94.6	97.4	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	72.4	85.3	94.7	97.5	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	72.4	85.3	94.8	97.8	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	72.4	85.3	94.8	97.8	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	72.4	85.3	94.9	98.2	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1023

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.3	51.5	54.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	54.3	62.9	65.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	54.3	62.9	65.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000	54.4	63.0	66.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000	58.4	68.0	71.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	62.5	72.9	77.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	62.9	73.3	77.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 8000	64.8	73.4	80.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 7000	65.0	75.6	80.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	65.3	76.1	81.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 5000	66.5	77.5	83.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	67.3	78.6	84.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4000	70.4	82.3	88.5	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	71.4	83.5	90.2	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	73.0	85.3	92.0	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	73.5	85.9	93.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2000	73.6	86.3	93.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	73.6	86.3	93.6	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	74.1	87.2	94.7	97.9	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	74.1	87.3	94.9	98.2	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	74.2	87.4	95.2	98.5	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	74.2	87.4	95.2	98.5	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	74.2	87.4	95.2	98.5	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	74.2	87.4	95.2	98.5	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	74.2	87.4	95.3	98.8	99.0	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 986

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

60-70
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.9	54.4	57.8	59.3	59.5	59.6	59.8	59.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	55.0	62.8	66.6	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	55.0	62.8	66.6	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	55.0	62.8	66.6	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	55.3	63.0	67.1	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	59.1	68.1	72.5	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	64.5	73.8	79.1	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	64.4	73.9	79.2	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	66.9	76.5	82.1	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	67.7	77.4	83.1	85.7	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	68.0	78.1	83.9	86.6	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	69.4	79.8	85.9	88.8	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	70.1	80.6	86.6	89.6	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	71.7	82.6	88.9	92.1	92.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	72.1	83.3	90.0	93.2	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	73.4	84.8	91.4	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 2500	73.7	85.1	91.8	95.2	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 2000	74.1	86.1	93.1	96.6	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 1800	74.1	86.1	93.1	96.6	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 1500	74.1	86.2	93.2	96.7	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1200	74.1	86.3	93.3	96.8	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 1000	74.1	86.3	93.5	97.0	97.7	98.4	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2
≥ 900	74.1	86.3	93.5	97.0	97.7	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3
≥ 800	74.1	86.3	93.5	97.0	97.7	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3
≥ 700	74.1	86.3	93.5	97.0	97.7	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	74.1	86.3	93.5	97.1	97.8	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	74.1	86.3	93.6	97.4	98.1	98.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.9
≥ 400	74.1	86.3	93.6	97.5	98.2	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.9	100.0
≥ 300	74.1	86.3	93.6	97.5	98.2	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0
≥ 200	74.1	86.3	93.6	97.5	98.2	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	74.1	86.3	93.6	97.5	98.2	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0
0	74.1	86.3	93.6	97.5	98.2	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 912

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94733

FORT MEADE MARYLAND/TIPTON AAF

60-70

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.1	54.4	58.2	60.2	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2
≥ 20000	55.0	63.6	67.5	70.1	70.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 18000	55.0	63.6	67.5	70.1	70.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 16000	55.0	63.6	67.5	70.1	70.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 14000	55.3	63.9	67.9	70.4	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.8
IV 12000	58.2	68.2	72.4	75.0	75.5	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6
IV 10000	63.5	74.3	78.9	81.9	82.4	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6
IV 9000	64.0	75.2	79.8	82.8	83.3	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.5
IV 8000	66.7	77.8	82.7	85.9	86.4	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.8
IV 7000	67.4	78.5	83.4	86.7	87.2	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.5
IV 6000	68.0	79.2	84.0	87.3	87.8	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	89.1
IV 5000	69.3	81.1	86.3	89.6	90.1	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.4
IV 4500	69.9	81.7	86.9	90.2	90.7	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	92.0
IV 4000	70.9	83.4	89.0	92.5	93.0	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.3
IV 3500	71.2	83.9	89.5	93.1	93.6	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.2
IV 3000	71.5	84.4	90.3	93.9	94.4	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	96.0
IV 2500	71.5	84.5	90.5	94.3	94.8	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.4
IV 2000	72.2	85.8	92.0	95.9	96.4	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	98.1
IV 1800	72.4	86.1	92.2	96.1	96.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.3
IV 1500	72.5	86.2	92.4	96.2	96.7	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.5
IV 1200	72.5	86.2	92.4	96.2	96.7	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.5
IV 1000	72.5	86.2	92.4	96.2	96.7	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.5
IV 900	72.5	86.2	92.4	96.2	96.7	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.9
IV 800	72.5	86.2	92.4	96.2	96.7	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.9
IV 700	72.5	86.3	92.5	96.4	96.8	98.2	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.2
IV 600	72.5	86.3	92.5	96.4	96.8	98.2	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.2
IV 500	72.5	86.3	92.5	96.4	96.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.4
IV 400	72.5	86.3	92.6	96.7	97.2	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.9
IV 300	72.5	86.3	92.6	96.7	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0
IV 200	72.5	86.3	92.6	96.7	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0
IV 100	72.5	86.3	92.6	96.7	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0
IV 0	72.5	86.3	92.6	96.7	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.6	55.6	56.6	58.6	58.6	59.7	60.3	60.3	61.1	61.3	61.3	61.3	61.6	61.6	61.8
≥ 18000	51.0	59.6	60.5	62.6	62.6	63.7	64.3	64.3	65.1	65.2	65.2	65.2	65.6	65.6	65.7
≥ 16000	51.0	59.6	60.5	62.6	62.6	63.7	64.3	64.3	65.1	65.2	65.2	65.2	65.6	65.6	65.7
≥ 14000	51.3	59.9	60.8	62.9	62.9	64.0	64.6	64.6	65.4	65.6	65.6	65.6	65.9	65.9	66.0
≥ 12000	52.9	61.5	62.4	64.5	64.5	65.6	66.2	66.2	67.0	67.1	67.1	67.1	67.5	67.5	67.6
≥ 10000	58.0	66.7	67.6	70.1	70.1	71.2	71.9	71.9	72.7	72.8	72.8	72.8	73.1	73.1	73.3
≥ 9000	59.1	68.1	69.2	71.7	71.7	72.8	73.5	73.5	74.2	74.4	74.4	74.4	74.7	74.7	74.9
≥ 8000	61.1	70.3	71.4	73.9	73.9	75.0	75.7	75.7	76.5	76.6	76.6	76.6	76.9	76.9	77.1
≥ 7000	62.6	71.7	72.8	75.4	75.4	76.5	77.1	77.1	77.9	78.0	78.0	78.0	78.4	78.4	78.5
≥ 6000	64.0	73.6	74.7	77.3	77.3	78.4	79.0	79.0	79.8	79.9	79.9	79.9	80.3	80.3	80.4
≥ 5000	64.9	74.6	75.7	78.2	78.2	79.3	80.3	80.3	81.0	81.2	81.2	81.2	81.5	81.5	81.7
≥ 4500	65.9	75.5	76.6	79.1	79.1	80.6	81.2	81.2	82.0	82.1	82.1	82.1	82.5	82.5	82.6
≥ 4000	67.5	77.1	78.2	81.4	81.4	82.8	83.7	83.7	84.5	84.7	84.7	84.7	85.0	85.0	85.2
≥ 3500	68.2	77.9	79.0	82.1	82.1	83.7	84.7	84.7	85.5	85.6	85.6	85.6	85.9	85.9	86.1
≥ 3000	68.4	78.0	79.6	82.8	82.8	84.8	85.8	85.8	86.6	86.7	86.7	86.7	87.0	87.0	87.2
≥ 2500	68.4	78.0	79.6	82.8	83.3	85.2	86.1	86.1	87.4	87.5	87.5	87.5	87.8	87.8	88.0
≥ 2000	69.4	79.1	80.7	83.9	84.4	86.4	87.5	87.5	88.8	88.9	88.9	88.9	89.3	89.3	89.4
≥ 1800	69.4	79.1	80.7	84.0	84.3	85.6	87.7	87.7	88.9	89.1	89.1	89.1	89.4	89.4	89.6
≥ 1500	69.4	79.1	80.9	84.4	84.8	86.9	88.0	88.0	89.2	89.4	89.4	89.4	89.7	89.7	89.9
≥ 1200	70.0	79.8	81.7	85.5	85.9	88.2	89.3	89.3	90.5	90.7	90.7	90.7	91.0	91.0	91.2
≥ 1000	70.1	79.9	81.8	85.9	86.4	88.6	89.7	89.7	91.0	91.2	91.2	91.2	91.5	91.5	91.6
≥ 900	70.1	79.9	81.8	85.9	86.4	88.6	89.7	89.7	91.0	91.2	91.2	91.2	91.5	91.5	91.6
≥ 800	70.1	79.9	82.0	86.3	86.7	88.9	90.5	90.5	91.8	91.9	91.9	91.9	92.3	92.3	92.4
≥ 700	70.6	80.7	83.1	87.5	88.0	90.2	92.1	92.1	93.5	93.7	93.7	93.7	94.0	94.0	94.2
≥ 600	70.6	80.7	83.3	87.7	88.2	90.7	92.6	92.6	94.2	94.3	94.3	94.3	94.6	94.6	94.8
≥ 500	70.6	80.7	83.3	88.3	88.8	91.9	94.2	94.2	95.9	96.7	96.7	96.7	97.0	97.0	97.2
≥ 400	70.6	80.7	83.6	88.6	89.1	92.6	94.8	95.3	97.0	97.0	97.8	97.8	98.1	98.1	98.3
≥ 300	70.6	80.7	83.6	88.6	89.3	92.7	95.1	95.7	97.5	98.3	98.3	98.3	98.6	98.6	98.7
≥ 200	70.6	80.7	83.7	88.8	89.4	93.0	95.6	96.2	97.9	98.9	98.9	98.9	99.1	99.1	99.3
≥ 100	70.6	80.7	83.7	88.8	89.4	93.0	95.6	96.2	97.9	98.9	98.9	98.9	99.1	99.1	99.3
0	70.6	80.7	83.7	88.8	89.4	93.0	95.6	96.2	97.9	98.9	98.9	98.9	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 633

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	46.6 49.6	53.9 57.2	56.9 60.2	59.6 63.0	59.7 63.2	60.6 64.2	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.2 64.7	61.3 64.9	61.5 65.0	61.7 65.3	
≥ 18000 ≥ 16000	49.6 49.6	57.2 57.2	60.2 60.2	63.0 63.0	63.2 63.2	64.2 64.2	64.7 64.7	64.7 64.7	64.7 64.7	64.7 64.7	64.7 64.7	64.7 64.7	64.9 64.9	65.0 65.0	65.3 65.3	
≥ 14000 ≥ 12000	49.9 50.9	57.5 58.5	60.5 61.5	63.3 64.7	63.4 64.9	64.4 65.9	65.0 66.4	65.0 66.4	65.0 66.4	65.0 66.4	65.0 66.4	65.0 66.4	65.1 66.6	65.3 66.7	65.6 67.0	
≥ 10000 ≥ 9000	54.5 54.9	62.2 62.9	65.4 66.3	68.8 69.7	69.0 69.8	70.6 71.4	71.1 72.0	71.1 72.0	71.3 72.1	71.4 72.3	71.4 72.3	71.4 72.3	71.6 72.4	71.7 72.5	72.0 72.8	
≥ 8000 ≥ 7000	56.2 57.6	64.2 65.1	67.6 69.6	71.3 73.3	71.4 73.4	73.3 75.4	73.8 76.0	73.8 76.0	74.0 76.1	74.1 76.2	74.1 76.2	74.1 76.2	74.3 76.4	74.4 76.5	74.7 76.8	
≥ 6000 ≥ 5000	58.6 60.5	67.6 69.4	71.0 72.8	74.8 76.8	75.0 77.0	77.0 78.9	77.5 79.5	77.5 79.5	77.7 79.7	77.8 79.8	77.8 79.8	77.8 79.8	78.0 79.9	78.1 80.1	78.4 80.4	
≥ 4500 ≥ 4000	61.0 61.5	70.0 70.4	73.4 73.8	77.4 78.2	77.5 78.4	79.5 80.4	80.1 80.9	80.1 80.9	80.2 81.1	80.4 81.2	80.4 81.2	80.4 81.2	80.5 81.4	80.7 81.5	80.9 81.8	
≥ 3500 ≥ 3000	61.9 62.7	70.8 72.0	74.3 75.7	78.7 80.1	78.8 80.2	80.8 82.8	81.4 83.4	81.4 83.4	81.5 83.6	81.7 83.9	81.7 83.9	81.7 83.9	81.8 84.1	81.9 84.2	82.2 84.5	
≥ 2500 ≥ 2000	63.0 63.3	72.3 72.7	76.0 76.7	80.4 81.5	80.5 81.7	83.1 84.5	83.6 85.1	83.6 85.1	84.1 85.9	84.4 86.2	84.4 86.2	84.4 86.2	84.5 86.3	84.6 86.5	84.9 86.8	
≥ 1800 ≥ 1500	63.4 64.0	72.8 73.5	76.8 77.5	81.7 82.6	81.8 82.8	84.9 86.1	85.5 86.6	85.5 86.6	86.3 87.5	86.6 87.8	86.6 87.8	86.6 87.8	86.8 87.9	86.9 88.1	87.2 88.3	
≥ 1200 ≥ 1000	64.3 64.6	74.5 74.8	78.7 79.4	84.1 85.2	84.2 85.5	87.5 88.8	88.1 89.3	88.1 89.3	88.9 90.2	89.2 90.5	89.2 90.5	89.2 90.5	89.3 90.6	89.5 90.8	89.8 91.0	
≥ 900 ≥ 800	65.1 65.1	75.4 75.4	79.9 79.9	85.8 85.8	86.2 86.2	89.6 89.6	90.5 90.5	90.5 90.5	91.5 91.6	91.7 91.9	91.7 91.9	91.7 91.9	91.9 92.0	92.0 92.2	92.3 92.3	
≥ 700 ≥ 600	65.7 65.7	76.0 76.0	80.8 80.8	86.9 87.3	87.3 87.8	90.8 91.2	92.0 92.7	92.0 92.7	93.3 94.0	93.6 94.3	93.6 94.3	93.6 94.3	93.7 94.5	93.9 94.6	94.2 94.9	
≥ 500 ≥ 400	65.7 65.7	76.2 76.2	81.1 81.4	87.9 88.3	88.3 88.8	91.9 92.5	93.9 94.6	93.9 94.6	95.6 96.3	96.0 96.7	96.0 97.2	96.0 97.2	96.2 97.3	96.3 97.4	96.6 97.7	
≥ 300 ≥ 200	65.7 65.7	76.2 76.2	81.4 81.4	88.3 88.5	88.8 88.9	92.3 92.7	94.6 94.9	94.6 94.9	96.3 96.6	97.2 97.4	97.6 97.9	97.6 97.9	97.7 98.2	97.9 98.3	98.2 98.7	
≥ 100 0	65.7 65.7	76.2 76.2	81.4 81.4	88.5 88.5	88.9 88.9	92.7 92.7	94.9 94.9	94.9 94.9	96.6 96.6	97.4 97.4	97.9 97.9	97.9 97.9	98.3 98.3	98.4 98.7	98.7 100.0	

TOTAL NUMBER OF OBSERVATIONS 703

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.T.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.3	43.9	46.4	52.1	53.3	56.0	56.6	57.0	57.7	58.0	58.1	58.2	58.4	58.6	59.2
≥ 18000 ≥ 16000	38.3	46.2	51.3	55.1	56.3	59.1	59.7	60.1	60.8	61.3	61.4	61.8	62.0	62.1	63.0
≥ 14000 ≥ 12000	38.3	46.2	51.3	55.1	56.3	59.1	59.7	60.1	60.8	61.3	61.4	61.8	62.0	62.1	63.0
≥ 10000 ≥ 9000	38.4	46.3	51.6	55.6	56.8	59.6	60.1	60.6	61.2	61.8	61.9	62.2	62.4	62.6	63.4
≥ 8000 ≥ 7000	39.3	48.0	53.2	57.3	58.6	61.4	62.0	62.4	63.1	63.8	63.9	64.2	64.4	64.6	65.4
≥ 6000 ≥ 5000	41.3	50.6	56.0	60.7	62.0	65.0	65.7	66.1	66.8	67.6	67.7	68.0	68.2	68.4	69.3
≥ 4500 ≥ 4000	41.4	50.9	56.3	61.1	62.4	65.4	66.1	66.6	67.2	68.0	68.1	68.4	68.7	68.9	69.8
≥ 3500 ≥ 3000	43.8	53.8	59.2	64.7	66.1	69.4	70.1	70.6	71.3	72.1	72.2	72.6	72.8	73.0	73.9
≥ 2500 ≥ 2000	44.2	54.3	59.9	65.3	66.8	70.1	70.8	71.3	72.2	73.1	73.2	73.6	73.8	74.0	74.9
≥ 1800 ≥ 1500	45.3	55.8	61.3	67.2	68.9	72.2	72.9	73.4	74.3	75.2	75.3	75.8	76.0	76.2	77.1
≥ 1200 ≥ 1000	46.6	57.7	63.2	69.1	71.0	74.4	75.1	75.7	76.6	77.4	77.6	78.0	78.2	78.4	79.3
≥ 900 ≥ 800	46.9	58.0	63.6	69.4	71.3	74.8	75.4	76.0	76.9	77.8	77.9	78.3	78.6	78.8	79.7
≥ 700 ≥ 600	47.9	59.1	64.7	70.8	72.7	76.2	76.9	77.4	78.3	79.2	79.3	79.8	80.0	80.2	81.1
≥ 500 ≥ 400	48.2	59.4	65.0	71.1	73.0	76.7	77.3	77.9	78.8	79.7	79.8	80.2	80.4	80.7	81.6
≥ 300 ≥ 200	48.9	60.3	66.0	72.1	74.0	77.8	78.4	79.0	79.9	80.8	80.9	81.3	81.6	81.8	82.7
≥ 100 0	49.8	61.2	66.9	73.0	74.9	78.7	79.3	79.9	80.8	81.7	81.8	82.2	82.4	82.7	83.6
	50.9	62.3	68.0	74.1	76.0	79.8	80.4	81.0	82.1	83.1	83.2	83.9	84.1	84.3	85.2
	51.1	62.6	68.2	74.3	76.2	80.1	80.9	81.4	82.6	83.6	83.7	84.3	84.6	84.8	85.7
	51.2	62.8	68.4	74.7	76.6	80.6	81.3	81.9	83.1	84.2	84.3	85.0	85.2	85.4	86.3
	52.0	63.7	69.3	76.0	78.0	82.1	82.9	83.4	84.7	85.8	85.9	86.6	86.8	87.0	87.9
	52.6	64.6	70.3	77.7	79.7	84.0	84.8	85.4	86.9	88.1	88.2	88.9	89.1	89.4	90.3
	52.8	64.8	70.6	78.0	80.0	84.8	85.7	86.3	87.9	89.2	89.3	90.0	90.2	90.6	91.4
	52.8	64.8	70.7	78.1	80.1	84.9	86.0	86.7	88.2	89.6	89.7	90.3	90.6	90.9	91.8
	52.9	65.0	71.1	78.7	80.8	85.7	87.1	87.8	89.8	91.1	91.2	92.1	92.3	92.7	93.6
	53.0	65.1	71.4	79.1	81.2	86.1	87.6	88.3	90.6	91.9	92.0	92.9	93.1	93.4	94.3
	53.0	65.1	71.4	79.3	81.4	86.8	88.3	89.2	91.7	93.3	93.4	94.4	94.7	95.0	95.9
	53.0	65.1	71.4	79.3	81.4	86.8	88.4	89.3	91.8	93.6	93.7	94.8	95.2	95.6	96.7
	53.0	65.1	71.4	79.3	81.4	86.9	88.6	89.4	91.9	93.7	93.8	95.0	95.4	96.0	97.1
	53.0	65.1	71.4	79.3	81.4	87.2	88.9	89.8	92.3	94.3	94.6	95.8	96.3	97.0	98.3
	53.0	65.1	71.4	79.3	81.4	87.2	88.9	89.8	92.3	94.4	94.7	96.1	96.7	97.3	98.9
	53.0	65.1	71.4	79.3	81.4	87.2	88.9	89.8	92.3	94.4	94.7	96.1	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/LIPTON AAF

60-69

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.4	52.2	57.1	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 18000	52.1	56.8	61.9	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 16000	52.1	56.8	61.9	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000	52.1	56.8	62.0	64.2	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 12000	53.1	58.2	63.6	65.8	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	56.0	62.2	67.8	70.1	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	57.1	63.3	68.9	71.2	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	57.7	64.4	70.0	72.3	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 7000	58.0	64.8	70.3	72.7	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	58.8	65.8	71.3	73.9	74.1	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 5000	60.1	67.4	73.1	75.7	75.9	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4500	60.4	67.8	73.7	76.2	76.4	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	62.2	69.8	75.7	78.2	78.4	79.1	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3500	62.4	70.0	76.2	79.1	79.3	80.0	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000	64.4	72.1	78.3	81.2	81.4	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2500	65.6	73.3	79.8	82.7	82.9	83.6	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 2000	67.1	75.4	81.9	85.1	85.3	86.2	86.9	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3
IV 1800	67.8	76.1	82.6	86.0	86.3	87.2	87.9	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3
IV 1600	68.2	76.8	83.7	87.1	87.4	88.3	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4
IV 1400	68.7	77.6	84.8	88.4	88.9	89.9	90.7	90.7	90.9	91.1	91.1	91.1	91.2	91.2	91.2
IV 1200	68.9	78.4	85.9	90.0	90.4	91.6	92.4	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1
IV 1000	68.9	78.6	86.1	90.3	91.0	92.1	93.0	93.0	93.6	93.8	93.8	93.9	93.9	93.9	93.9
IV 900	68.9	78.8	86.3	90.7	91.4	92.4	93.9	93.9	94.4	94.7	94.7	94.8	94.8	94.8	94.8
IV 800	68.9	78.9	86.6	91.3	92.1	93.7	95.0	95.0	95.7	95.9	95.9	96.0	96.0	96.0	96.0
IV 700	68.9	79.0	86.7	91.9	92.7	94.6	96.0	96.0	96.7	97.1	97.1	97.2	97.2	97.2	97.2
IV 600	68.9	79.1	86.8	92.2	93.0	95.3	97.1	97.4	98.3	98.8	98.8	98.9	98.9	98.9	98.9
IV 500	68.9	79.1	86.8	92.2	93.0	95.3	97.1	97.4	98.3	98.8	98.8	98.9	98.9	98.9	98.9
IV 400	68.9	79.1	86.8	92.2	93.0	95.3	97.1	97.4	98.3	98.8	98.8	98.9	98.9	98.9	98.9
IV 300	68.9	79.1	86.8	92.3	93.1	95.4	97.3	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.4
IV 200	68.9	79.1	86.8	92.3	93.1	95.4	97.3	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.4
IV 100	68.9	79.1	86.8	92.3	93.1	95.4	97.3	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.4
IV 0	68.9	79.1	86.8	92.3	93.1	95.4	97.3	97.7	98.6	99.0	99.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-69

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.8	57.4	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	58.3	62.4	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	58.3	62.4	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	58.3	62.6	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	59.9	64.9	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	63.4	69.7	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	64.0	70.2	72.4	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	65.7	72.1	74.4	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	66.0	72.8	75.1	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	67.0	73.8	76.1	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	68.4	75.6	78.1	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	69.1	76.2	79.0	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	71.2	78.7	81.7	82.1	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	71.8	79.2	82.7	83.2	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	74.1	81.7	83.1	83.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	75.1	82.9	86.3	86.9	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	76.8	85.3	88.9	89.7	90.1	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	76.9	85.4	89.6	90.4	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	77.7	86.3	90.7	91.6	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	78.3	87.2	91.8	92.8	93.2	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	78.6	87.9	92.6	93.8	94.4	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	78.6	87.9	92.6	93.8	94.4	95.2	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	78.6	88.0	92.7	93.9	94.6	95.4	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	78.7	88.1	92.8	94.3	95.0	95.9	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	78.7	88.1	92.8	94.3	95.0	96.1	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	78.7	88.1	92.8	94.4	95.1	96.7	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	78.7	88.1	92.8	94.4	95.1	96.9	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	78.7	88.1	92.8	94.4	95.1	97.0	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	78.7	88.1	92.8	94.4	95.1	97.0	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	78.7	88.1	92.8	94.4	95.1	97.0	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	78.7	88.1	92.8	94.4	95.1	97.0	98.6	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.T.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	56.9	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	60.0	63.9	65.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	60.0	63.9	65.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	60.0	63.9	65.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	60.1	64.0	65.6	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	61.3	63.7	67.3	67.3	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	65.8	70.3	72.4	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	66.9	71.7	74.0	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	68.0	73.1	75.5	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	69.5	74.5	76.9	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	70.4	75.6	78.2	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	72.6	77.8	80.5	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	73.1	78.6	81.4	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	75.5	81.4	84.6	85.0	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	76.6	82.6	86.2	86.6	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	78.1	84.1	87.7	88.2	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	79.1	85.2	89.2	89.7	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	80.3	86.8	90.8	91.4	92.0	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	80.5	87.0	91.3	91.9	92.4	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	80.7	87.4	91.7	92.3	92.9	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	81.0	87.6	92.1	93.0	93.6	94.6	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	81.0	87.6	92.1	93.1	93.7	94.8	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	81.0	87.7	92.2	93.5	94.0	95.3	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	81.1	87.8	92.3	93.6	94.2	95.4	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	81.1	88.0	92.5	93.8	94.5	95.9	96.2	96.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6
≥ 600	81.1	88.0	92.5	93.8	94.5	95.9	96.2	96.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9
≥ 500	81.1	88.0	92.5	93.8	94.5	95.9	96.2	96.4	98.1	98.3	98.5	98.6	98.6	98.6	98.6
≥ 400	81.1	88.0	92.5	93.8	94.5	95.9	96.2	96.4	98.3	98.5	98.7	99.0	99.0	99.0	99.0
≥ 300	81.1	88.0	92.5	93.8	94.5	95.9	96.3	96.7	98.5	98.9	99.1	99.5	99.5	99.5	99.5
≥ 200	81.1	88.0	92.5	93.8	94.5	95.9	96.3	96.7	98.5	98.9	99.1	99.7	99.8	99.9	99.9
≥ 100	81.1	88.0	92.5	93.8	94.5	95.9	96.3	96.7	98.5	98.9	99.1	99.7	99.8	99.9	100.0
≥ 0	81.1	88.0	92.5	93.8	94.5	95.9	96.3	96.7	98.5	98.9	99.1	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 872

2
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.6	58.3	60.0	61.1	61.2	61.8	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1
IV 18000	60.3	64.7	67.2	68.3	68.7	69.3	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6
IV 16000	60.6	64.9	67.5	68.7	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
IV 14000	60.6	64.9	67.5	68.7	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
IV 12000	60.7	65.0	67.6	68.8	69.1	69.7	69.7	69.7	69.8	69.8	69.8	70.0	70.0	70.0	70.0
IV 10000	62.8	67.4	70.0	71.2	71.4	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3
IV 9000	67.0	72.0	74.6	76.0	76.2	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.1
IV 8000	67.5	72.3	75.4	76.7	77.0	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
IV 7000	69.2	74.8	77.7	79.6	79.9	80.5	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8
IV 6000	70.3	75.9	78.8	80.7	81.0	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 5000	70.6	76.5	79.4	81.3	81.7	82.3	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6
IV 4500	71.6	77.8	80.9	82.8	83.1	83.7	83.7	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1
IV 4000	72.4	78.8	82.1	84.0	84.4	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3
IV 3500	74.1	81.4	85.2	87.6	88.1	88.9	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 3000	74.9	82.1	86.0	88.3	88.8	90.0	90.0	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 2500	75.7	83.0	86.8	89.2	89.7	90.9	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3
IV 2000	76.2	83.5	87.3	90.0	90.5	91.7	91.7	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2
IV 1800	76.8	84.4	88.3	91.3	91.7	93.1	93.1	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6
IV 1500	77.0	84.5	88.4	91.4	91.9	93.2	93.2	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.7
IV 1200	77.1	84.6	88.7	91.7	92.2	93.6	93.6	93.6	93.8	94.0	94.0	94.1	94.1	94.1	94.1
IV 1000	77.6	85.1	89.2	92.2	92.7	94.2	94.3	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8
IV 900	77.6	85.1	89.2	92.2	92.7	94.5	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4
IV 800	77.6	85.1	89.2	92.6	93.1	95.0	95.4	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1
IV 700	77.8	85.3	89.4	92.9	93.3	95.4	95.9	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6
IV 600	77.8	85.3	89.5	93.0	93.5	95.7	96.6	96.7	97.0	97.2	97.3	97.7	97.7	97.8	97.8
IV 500	77.8	85.3	89.5	93.0	93.5	95.9	96.8	96.9	97.3	97.5	97.7	98.0	98.0	98.2	98.2
IV 400	77.8	85.3	89.5	93.0	93.5	96.2	97.0	97.5	97.9	98.2	98.3	98.6	98.6	98.8	98.8
IV 300	77.8	85.3	89.5	93.0	93.5	96.6	97.4	97.9	98.3	98.5	98.6	99.1	99.1	99.3	99.3
IV 200	77.8	85.3	89.5	93.0	93.5	96.6	97.4	97.9	98.3	98.8	98.9	99.4	99.4	99.6	99.6
IV 100	77.8	85.3	89.5	93.0	93.5	96.6	97.4	97.9	98.3	98.8	98.9	99.4	99.5	100.0	100.0
IV 0	77.8	85.3	89.5	93.0	93.5	96.6	97.4	97.9	98.3	98.8	98.9	99.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-612

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.9	58.1	60.1	62.8	62.8	63.0	63.8	64.0	64.0	64.0	64.0	64.4	64.4	64.5	64.5
IV 18000	57.3	62.9	65.3	68.2	68.2	68.6	69.5	69.7	69.7	69.7	69.7	70.1	70.1	70.2	70.2
IV 16000	57.3	62.9	65.3	68.2	68.2	68.6	69.5	69.7	69.7	69.7	69.7	70.1	70.1	70.2	70.2
IV 14000	57.3	62.9	65.3	68.2	68.2	68.6	69.5	69.7	69.7	69.7	69.7	70.1	70.1	70.2	70.2
IV 12000	59.4	65.0	67.6	70.6	70.6	71.0	71.9	72.1	72.1	72.1	72.1	72.5	72.5	72.6	72.6
IV 10000	63.7	69.4	72.1	75.1	75.1	75.5	76.5	76.6	76.6	76.6	76.6	77.0	77.0	77.1	77.1
IV 9000	65.0	71.0	73.7	76.7	76.7	77.1	78.1	78.2	78.2	78.2	78.2	78.6	78.6	78.7	78.7
IV 8000	66.6	73.3	76.2	79.3	79.4	79.8	80.7	80.9	80.9	80.9	80.9	81.3	81.3	81.4	81.4
IV 7000	68.8	75.4	78.5	81.6	81.8	82.2	83.1	83.2	83.2	83.2	83.2	83.6	83.6	83.8	83.8
IV 6000	69.3	76.5	79.7	83.1	83.2	83.6	84.6	84.7	84.7	84.7	84.7	85.1	85.1	85.2	85.2
IV 5000	69.8	77.0	80.2	83.6	83.9	84.3	85.2	85.4	85.4	85.4	85.4	85.8	85.8	85.9	85.9
IV 4500	70.7	78.1	81.3	84.7	85.0	85.4	86.3	86.4	86.4	86.4	86.4	86.8	86.8	87.0	87.0
IV 4000	71.4	79.5	83.0	87.0	87.2	87.6	88.6	88.7	88.7	88.7	88.7	89.1	89.1	89.2	89.2
IV 3500	71.7	80.2	83.6	87.6	87.9	88.3	89.2	89.4	89.4	89.4	89.4	89.8	89.8	89.9	89.9
IV 3000	71.7	80.3	84.2	88.4	88.7	89.5	90.4	90.6	90.6	90.6	90.6	91.0	91.0	91.1	91.1
IV 2500	71.8	80.5	84.4	88.8	89.4	90.3	91.5	91.6	91.8	91.8	91.8	92.2	92.2	92.3	92.3
IV 2000	72.5	81.1	85.5	90.0	90.6	91.5	92.8	93.0	93.1	93.1	93.1	93.5	93.5	93.6	93.6
IV 1800	72.6	81.3	85.6	90.2	90.7	91.6	93.0	93.1	93.2	93.2	93.2	93.6	93.6	93.8	93.8
IV 1500	72.7	81.5	85.9	90.4	91.0	91.9	93.2	93.4	93.5	93.5	93.5	93.9	93.9	94.0	94.0
IV 1200	72.9	81.8	86.2	91.0	91.5	92.4	93.8	93.9	94.0	94.0	94.0	94.4	94.4	94.5	94.5
IV 1000	73.3	82.2	86.6	91.4	91.9	93.0	94.3	94.4	94.5	94.5	94.5	94.9	94.9	95.1	95.1
IV 900	73.3	82.2	86.6	91.6	92.2	93.5	94.8	95.1	95.2	95.2	95.2	95.6	95.6	95.7	95.7
IV 800	73.3	82.2	86.6	92.2	92.7	94.1	95.5	95.9	96.0	96.0	96.0	96.4	96.4	96.5	96.5
IV 700	73.3	82.3	86.7	92.3	92.8	94.5	96.0	96.3	96.5	96.5	96.5	96.9	96.9	97.3	97.3
IV 600	73.3	82.3	87.0	92.6	93.1	94.8	96.5	96.8	97.1	97.1	97.1	97.5	97.5	97.9	97.9
IV 500	73.3	82.3	87.0	92.6	93.1	94.9	97.1	97.7	98.0	98.1	98.1	98.5	98.5	98.9	98.9
IV 400	73.3	82.3	87.0	92.6	93.1	95.3	97.6	98.4	98.7	98.9	98.9	99.3	99.3	99.7	99.7
IV 300	73.3	82.3	87.0	92.6	93.1	95.3	97.6	98.4	98.7	98.9	98.9	99.3	99.3	99.7	99.7
IV 200	73.3	82.3	87.0	92.6	93.1	95.3	97.6	98.4	98.7	98.9	98.9	99.3	99.3	99.7	99.7
IV 100	73.3	82.3	87.0	92.6	93.1	95.3	97.6	98.4	98.7	98.9	98.9	99.3	99.3	99.7	99.7
IV 0	73.3	82.3	87.0	92.6	93.1	95.3	97.6	98.4	98.7	98.9	98.9	99.3	99.3	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 752

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-65
YEARS

11CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	65.6	72.2	73.3	74.7	74.9	75.3	75.4	75.4	76.0	76.3	76.3	76.5	76.5	76.5	77.1
IV 18000 16000	66.5	73.8	74.9	76.7	76.9	77.2	77.4	77.4	78.0	78.3	78.3	78.5	78.5	78.5	79.0
IV 14000 12000	66.5	73.8	74.9	76.7	76.9	77.2	77.4	77.4	78.0	78.3	78.3	78.5	78.5	78.5	79.0
IV 10000 9000	67.0	74.4	75.4	77.2	77.4	77.8	78.0	78.0	78.5	78.9	78.9	79.0	79.0	79.0	79.6
IV 8000 7000	67.9	75.3	76.3	78.9	79.0	79.4	79.6	79.6	80.1	80.5	80.5	80.6	80.6	80.6	81.2
IV 6000 5000	67.9	75.4	76.5	79.2	79.4	79.7	79.9	79.9	80.5	80.8	80.8	81.0	81.0	81.0	81.5
IV 4500 4000	69.7	77.2	78.3	81.0	81.2	81.5	81.7	81.7	82.3	82.6	82.6	82.8	82.8	82.8	83.3
IV 3500 3000	71.0	78.3	79.6	82.6	82.8	83.2	83.3	83.3	83.9	84.2	84.2	84.4	84.4	84.4	84.9
IV 2500 2000	72.4	80.1	81.2	84.2	84.4	84.8	84.9	84.9	85.5	85.8	85.8	86.0	86.0	86.0	86.6
IV 1800 1500	73.3	81.0	82.1	85.1	85.3	85.7	85.8	85.8	86.4	86.7	86.7	86.9	86.9	86.9	87.5
IV 1200 1000	75.1	82.8	83.9	86.9	87.1	87.5	87.8	87.8	88.4	88.7	88.7	88.9	88.9	88.9	89.4
IV 900 800	75.6	83.5	84.6	87.6	87.8	88.2	88.5	88.5	89.1	89.4	89.4	89.6	89.6	89.6	90.1
IV 700 600	76.2	84.1	85.1	88.2	88.4	88.7	89.1	89.1	89.6	90.0	90.0	90.1	90.1	90.1	90.7
IV 500 400	78.0	85.8	86.9	90.1	90.3	90.7	91.0	91.0	91.6	91.9	91.9	92.1	92.1	92.1	92.7
IV 300 200	78.5	86.6	87.6	91.0	91.2	91.6	91.9	91.9	92.5	92.8	92.8	93.0	93.0	93.0	93.5
IV 100 0	78.7	86.7	87.8	91.8	91.9	92.3	92.7	92.7	93.2	93.5	93.5	93.7	93.7	93.7	94.3
	79.0	87.1	88.2	92.1	92.3	92.8	93.2	93.2	93.7	94.1	94.1	94.3	94.3	94.3	94.8
	79.0	87.1	88.2	92.3	92.5	93.0	93.4	93.4	93.9	94.3	94.3	94.4	94.4	94.4	95.0
	79.7	87.8	89.2	93.4	93.5	94.1	94.4	94.4	95.0	95.3	95.3	95.5	95.5	95.5	96.1
	79.7	88.0	89.4	93.5	93.7	94.3	94.6	94.6	95.2	95.5	95.5	95.7	95.7	95.7	96.2
	79.9	88.2	89.6	93.9	94.1	94.6	95.0	95.0	95.5	95.9	95.9	96.1	96.1	96.1	96.6
	79.9	88.2	89.6	94.3	94.4	95.0	95.3	95.3	95.9	96.2	96.2	96.4	96.4	96.4	97.0
	79.9	88.2	89.6	94.3	94.4	95.0	95.3	95.3	95.9	96.2	96.2	96.4	96.4	96.4	97.0
	79.9	88.2	89.6	94.6	94.8	95.5	96.1	96.1	96.6	97.0	97.0	97.1	97.1	97.1	97.7
	79.9	88.2	89.6	94.6	95.0	95.9	96.4	96.4	97.0	97.3	97.3	97.5	97.5	97.5	98.0
	79.9	88.2	90.0	95.0	95.3	96.2	97.0	97.0	97.5	97.8	97.8	98.0	98.0	98.0	98.6
	79.9	88.2	90.0	95.5	95.9	96.8	97.5	97.5	98.0	98.7	98.7	98.9	98.9	98.9	99.5
	79.9	88.2	90.0	95.5	95.9	96.8	97.5	97.5	98.0	98.7	98.7	98.9	98.9	98.9	99.5
	79.9	88.2	90.0	95.5	95.9	96.8	97.5	97.5	98.0	98.7	98.7	98.9	98.9	98.9	99.5
	79.9	88.2	90.0	95.5	95.9	96.8	97.5	97.5	98.0	98.7	98.7	98.9	98.9	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 958

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03733

FORT MEADE MARYLAND/TIPTON AAF

60-69

CCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.1	65.0	67.3	68.7	69.1	70.1	70.2	70.2	71.3	71.3	71.3	71.9	72.1	72.5	73.3
IV 18000	61.3	67.4	69.8	71.1	71.9	73.0	73.1	73.1	74.2	74.2	74.2	74.8	75.0	75.5	76.2
IV 16000	61.3	67.4	69.8	71.1	71.9	73.0	73.1	73.1	74.2	74.2	74.2	74.8	75.0	75.5	76.2
IV 14000	61.6	67.7	70.1	71.5	72.2	73.3	73.5	73.5	74.5	74.5	74.5	75.2	75.3	75.8	76.5
IV 12000	62.0	68.2	70.5	71.9	72.7	73.8	73.9	73.9	75.0	75.0	75.0	75.6	75.8	76.2	77.0
IV 10000	62.5	68.7	71.5	73.1	73.9	75.2	75.3	75.3	76.4	76.4	76.4	77.0	77.2	77.6	78.4
IV 9000	63.4	69.6	72.4	74.1	74.8	76.1	76.2	76.2	77.3	77.3	77.3	77.9	78.1	78.5	79.3
IV 8000	65.0	71.5	74.2	76.1	76.9	78.2	78.4	78.4	79.5	79.5	79.5	80.1	80.2	80.7	81.5
IV 7000	65.6	72.1	74.8	76.7	77.5	78.9	79.0	79.0	80.1	80.1	80.1	80.7	80.9	81.3	82.1
IV 6000	67.1	73.6	76.4	78.2	79.0	80.4	80.6	80.6	81.6	81.6	81.6	82.3	82.4	82.9	83.6
IV 5000	68.8	75.5	78.4	80.2	81.0	82.6	82.7	82.7	83.8	83.8	83.8	84.4	84.6	85.0	85.8
IV 4500	69.9	76.5	79.5	81.3	82.1	83.6	83.8	83.8	84.9	84.9	84.9	85.5	85.6	86.1	86.9
IV 4000	71.0	78.1	81.5	83.3	84.1	85.8	86.0	86.0	87.0	87.0	87.0	87.7	87.8	88.3	89.0
IV 3500	71.9	79.0	82.4	84.3	85.0	86.7	86.9	86.9	88.0	88.0	88.0	88.6	88.7	89.2	90.0
IV 3000	72.4	79.5	83.0	85.0	85.8	87.5	87.7	87.7	88.7	88.7	88.7	89.4	89.5	90.0	90.7
IV 2500	73.0	80.1	83.6	85.6	86.4	88.1	88.4	88.4	89.5	89.5	89.5	90.1	90.3	90.7	91.5
IV 2000	73.8	80.9	84.9	87.3	88.1	89.8	90.1	90.1	91.2	91.2	91.2	91.8	92.0	92.4	93.2
IV 1800	73.9	81.0	85.0	87.5	88.3	90.0	90.3	90.3	91.4	91.4	91.4	92.0	92.1	92.6	93.4
IV 1500	73.9	81.2	85.3	88.0	88.7	90.4	90.9	90.9	92.0	92.0	92.0	92.6	92.7	93.2	94.0
IV 1200	74.1	81.3	85.6	88.6	89.4	91.0	91.5	91.5	92.6	92.6	92.6	93.2	93.4	93.8	94.6
IV 1000	74.1	81.3	85.8	88.7	89.5	91.4	91.8	91.8	92.9	92.9	92.9	93.5	93.7	94.1	94.9
IV 900	74.1	81.3	85.8	88.7	89.5	91.4	91.8	91.8	92.9	92.9	92.9	93.5	93.7	94.1	94.9
IV 800	74.1	81.5	86.0	89.0	89.8	91.7	92.1	92.1	93.2	93.2	93.2	93.8	94.0	94.4	95.4
IV 700	74.1	81.6	86.1	89.4	90.1	92.0	92.4	92.4	93.5	93.7	93.7	94.3	94.4	94.9	95.7
IV 600	74.1	81.6	86.1	89.5	90.3	92.3	92.7	92.7	93.8	94.0	94.0	94.6	94.8	95.2	96.0
IV 500	74.1	81.6	86.1	89.5	90.4	92.4	92.9	92.9	94.1	94.3	94.3	94.9	95.1	95.5	96.3
IV 400	74.1	81.6	86.3	89.7	90.7	92.7	93.3	93.3	94.8	94.9	94.9	95.5	95.7	96.1	96.9
IV 300	74.1	81.6	86.4	89.8	90.9	93.1	93.8	93.8	95.1	95.4	95.4	96.0	96.1	96.6	97.5
IV 200	74.1	81.6	86.4	89.8	90.9	93.2	94.0	94.0	95.4	95.7	95.7	96.6	96.8	97.2	98.1
IV 100	74.1	81.6	86.6	90.0	91.0	93.4	94.1	94.1	95.5	95.8	95.8	96.8	96.9	97.4	98.6
IV 0	74.1	81.6	86.6	90.0	91.0	93.4	94.1	94.1	95.5	95.8	95.8	96.8	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

646

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-69

11CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.1	49.6	53.8	55.3	56.0	57.2	58.2	58.5	58.6	58.7	59.4	59.6	60.2	61.4	
≥ 18000 16000	44.2	52.2	56.6	58.3	59.2	60.4	61.3	61.3	61.8	61.9	62.0	62.6	62.9	63.5	64.9
≥ 14000 12000	44.2	52.2	56.6	58.4	59.3	60.5	61.4	61.4	61.9	62.0	62.1	62.7	63.0	63.6	65.0
≥ 10000 9000	44.6	52.7	57.1	59.1	59.9	61.1	62.1	62.1	62.5	62.6	62.7	63.4	63.6	64.3	65.7
≥ 8000 7000	46.0	54.2	58.7	60.9	61.8	63.1	64.0	64.0	64.5	64.6	64.7	65.4	65.7	66.4	67.8
≥ 6000 5000	47.4	55.8	60.6	62.9	63.3	65.3	66.3	66.3	66.7	66.8	67.0	67.7	67.9	68.7	70.1
≥ 4500 4000	47.9	56.4	61.6	63.8	64.8	66.3	67.3	67.3	67.7	67.8	67.9	68.7	68.9	69.7	71.1
≥ 3500 3000	50.3	58.7	64.0	66.4	67.4	69.0	70.0	70.0	70.5	70.6	70.8	71.6	71.8	72.6	74.0
≥ 2500 2000	51.6	60.0	65.7	68.0	69.1	70.7	71.7	71.7	72.2	72.4	72.7	73.4	73.7	74.4	75.8
≥ 1800 1500	52.9	61.7	67.4	70.0	71.1	72.7	73.7	73.7	74.2	74.3	74.6	75.4	75.6	76.3	77.8
≥ 1200 1000	54.6	63.6	69.5	72.4	73.4	75.4	76.3	76.3	76.9	77.0	77.3	78.1	78.3	79.0	80.5
≥ 900 800	55.8	64.9	71.1	73.9	74.9	76.9	77.9	77.9	78.4	78.5	78.8	79.6	79.8	80.6	82.0
≥ 700 600	56.4	65.6	71.7	74.5	75.6	77.6	78.6	78.6	79.2	79.3	79.6	80.3	80.6	81.3	82.7
≥ 500 400	56.8	66.2	72.4	75.3	76.6	78.6	79.6	79.6	80.1	80.2	80.6	81.3	81.5	82.3	83.7
≥ 300 200	58.0	67.5	73.8	76.9	78.2	80.2	81.2	81.2	81.9	82.0	82.3	83.0	83.3	84.0	85.4
≥ 100 0	58.4	67.9	74.6	77.9	79.2	81.2	82.2	82.2	82.8	82.9	83.3	84.0	84.2	85.0	86.4
	59.0	68.6	75.6	78.9	80.2	82.4	83.4	83.4	84.0	84.1	84.4	85.2	85.4	86.3	87.7
	59.3	68.9	76.0	79.4	80.8	83.0	84.0	84.0	84.7	84.8	85.1	85.9	86.1	86.9	88.3
	59.5	69.1	76.2	79.6	81.1	83.3	84.4	84.4	85.1	85.2	85.5	86.3	86.5	87.4	88.8
	59.5	69.1	76.3	79.9	81.6	84.1	85.2	85.2	85.9	86.0	86.3	87.0	87.3	88.1	89.5
	59.6	69.2	76.5	80.0	81.7	84.2	85.3	85.3	86.1	86.3	86.6	87.4	87.6	88.4	89.8
	59.6	69.2	76.8	80.5	82.2	84.7	85.9	86.2	87.0	87.4	87.7	88.4	88.7	89.5	90.9
	59.7	69.5	77.1	80.9	82.6	85.3	86.7	87.0	87.9	88.2	88.6	89.3	89.5	90.4	91.8
	59.8	69.7	77.2	81.1	82.8	85.5	86.9	87.3	88.1	88.4	88.8	89.5	89.7	90.7	92.1
	59.8	69.8	77.4	81.5	83.4	86.2	87.6	87.9	88.8	89.1	89.4	90.3	90.3	91.5	92.9
	59.8	69.8	77.4	81.6	83.5	86.3	87.8	88.1	89.4	89.7	90.1	90.9	91.1	92.2	93.7
	59.8	69.8	77.4	81.6	83.5	86.4	88.1	88.4	89.8	90.4	90.8	92.0	92.2	93.4	95.0
	59.0	69.8	77.4	81.6	83.7	86.6	88.3	88.7	90.2	90.8	91.5	92.7	93.1	94.5	96.4
	59.8	69.8	77.4	81.6	83.7	86.0	88.4	88.8	90.3	90.9	91.6	92.9	93.6	95.0	98.3
	59.8	69.8	77.4	81.6	83.7	86.7	88.6	88.9	90.4	91.0	91.7	93.0	93.7	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 926

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-69

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	55.5	58.7	60.3	61.0	61.3	61.4	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9
≥ 20000	53.0	58.9	62.3	64.2	65.0	65.3	65.4	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8
IV 18000	53.0	58.9	62.3	64.2	65.0	65.3	65.4	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8
IV 16000	53.0	58.9	62.3	64.2	65.0	65.3	65.4	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8
IV 14000	53.7	59.7	63.0	65.1	65.8	66.2	66.3	66.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7
IV 12000	55.6	62.1	65.6	67.8	68.5	68.9	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4
IV 10000	57.9	64.9	68.4	70.8	71.6	72.0	72.1	72.2	72.2	72.4	72.5	72.6	72.6	72.6	72.6
IV 9000	58.6	65.6	69.2	71.9	72.6	73.1	73.2	73.3	73.3	73.5	73.6	73.7	73.7	73.7	73.7
IV 8000	62.2	69.4	73.3	76.3	77.2	77.6	77.8	77.9	77.9	78.1	78.2	78.3	78.3	78.3	78.3
IV 7000	64.2	71.4	75.5	78.7	79.5	80.0	80.2	80.3	80.3	80.5	80.6	80.7	80.7	80.7	80.7
IV 6000	65.5	73.0	77.0	80.2	81.0	81.5	81.7	81.8	81.8	82.0	82.1	82.2	82.2	82.2	82.2
IV 5000	66.7	74.5	78.7	81.8	82.7	83.1	83.3	83.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8
IV 4500	67.1	74.9	79.1	82.2	83.1	83.6	83.8	83.9	83.9	84.2	84.3	84.4	84.4	84.4	84.4
IV 4000	67.8	75.5	80.3	83.5	84.4	84.9	85.1	85.2	85.2	85.5	85.6	85.7	85.7	85.7	85.7
IV 3500	68.1	76.1	80.8	84.2	85.0	85.6	85.8	85.9	85.9	86.1	86.2	86.3	86.3	86.3	86.3
IV 3000	69.7	78.0	83.0	86.5	87.5	88.0	88.3	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9
IV 2500	70.0	78.4	83.5	87.1	88.0	88.6	88.8	88.9	88.9	89.2	89.3	89.4	89.4	89.4	89.4
IV 2000	70.5	79.1	84.3	87.8	88.8	89.3	89.5	89.7	89.8	90.1	90.2	90.3	90.3	90.3	90.3
IV 1800	70.7	79.3	84.5	88.0	89.0	89.5	89.8	89.9	90.0	90.3	90.4	90.5	90.5	90.5	90.5
IV 1500	70.7	79.3	84.7	88.4	89.3	89.9	90.1	90.2	90.3	90.7	90.8	90.9	90.9	90.9	90.9
IV 1200	70.7	79.5	85.3	89.2	90.4	90.9	91.2	91.3	91.5	91.9	92.0	92.1	92.1	92.1	92.1
IV 1000	70.7	79.7	85.6	89.5	90.7	91.4	91.8	91.9	92.1	92.6	92.7	92.8	92.8	92.8	92.8
IV 900	70.7	79.8	85.7	89.7	90.9	91.7	92.1	92.2	92.5	92.9	93.0	93.1	93.1	93.1	93.1
IV 800	70.7	79.8	85.7	89.7	90.9	91.7	92.5	92.7	93.1	93.8	93.9	94.1	94.1	94.1	94.1
IV 700	70.7	79.8	85.8	89.9	91.4	92.1	92.9	93.4	94.2	94.8	94.9	95.2	95.2	95.2	95.2
IV 600	70.7	79.8	85.8	90.1	91.6	92.6	93.6	94.4	95.3	96.0	96.1	96.3	96.3	96.3	96.3
IV 500	70.7	79.8	85.8	90.2	91.7	92.8	93.9	94.7	95.7	96.6	96.7	96.9	96.9	97.0	97.0
IV 400	70.7	79.8	85.8	90.2	91.7	92.8	94.0	94.9	96.2	97.1	97.2	97.4	97.4	97.6	97.7
IV 300	70.7	79.8	85.9	90.3	92.0	93.2	94.4	95.4	96.9	98.0	98.1	98.5	98.5	98.8	99.0
IV 200	70.7	79.8	85.9	90.3	92.0	93.2	94.4	95.4	96.9	98.0	98.2	98.8	98.8	99.1	99.5
IV 100	70.7	79.8	85.9	90.3	92.0	93.2	94.4	95.4	96.9	98.0	98.2	98.8	98.8	99.1	99.7
IV 0	70.7	79.8	85.9	90.3	92.0	93.2	94.4	95.4	96.9	98.0	98.2	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 928

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF

60-69
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.9	61.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 20000	61.2	64.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 18000	61.2	64.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 16000	61.2	64.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	61.9	65.2	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 12000	63.8	67.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 10000	67.2	71.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	68.3	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	70.1	74.1	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 7000	72.2	76.1	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	74.2	78.2	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 5000	75.7	80.1	81.7	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	76.0	80.4	82.0	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	79.0	83.9	85.7	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	80.1	84.9	86.8	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3000	83.2	88.3	90.2	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	84.6	89.8	91.7	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2000	85.2	90.3	92.6	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	85.2	90.3	92.6	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	85.3	90.8	93.1	94.2	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	85.4	90.9	93.3	94.5	94.7	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	85.5	91.1	94.0	95.2	95.3	96.0	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	85.6	91.2	94.1	95.4	95.9	96.5	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	85.6	91.2	94.2	95.6	96.1	96.7	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	85.7	91.3	94.3	95.9	96.6	97.3	97.8	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	85.7	91.4	94.4	96.0	96.8	97.6	98.2	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	85.7	91.4	94.4	96.0	96.8	97.6	98.2	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	85.8	91.5	94.5	96.1	97.1	98.0	98.5	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	85.8	91.5	94.5	96.1	97.2	98.1	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	85.8	91.5	94.5	96.1	97.2	98.1	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	85.8	91.5	94.5	96.1	97.2	98.1	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	85.8	91.5	94.5	96.1	97.2	98.1	98.6	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

YEARS

00
MONTH

1400-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	61.9 65.8	63.6 67.5	64.2 68.6	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9	64.2 68.9
IV 18000 16000	65.3 69.5	68.0 72.1	68.6 72.7	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0	68.9 73.0
IV 14000 12000	66.6 70.2	69.0 72.9	69.6 73.4	69.9 73.7	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8	69.9 73.8
IV 10000 9000	71.3 72.2	74.1 75.2	74.7 75.9	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6	75.3 76.6
IV 8000 7000	74.9 76.8	77.9 79.8	78.7 80.9	79.3 81.6	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7	79.4 81.7
IV 6000 5000	78.6 81.1	81.6 84.3	83.0 85.8	83.7 86.4	84.1 86.7	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9	84.1 86.9
IV 4500 4000	81.9 83.4	85.1 87.1	86.6 88.6	87.2 89.3	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8	87.7 89.8
IV 3500 3000	84.8 86.3	88.9 90.6	90.3 92.1	91.1 93.1	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6	91.6 93.6
IV 2500 2000	86.7 86.9	91.0 91.3	92.6 92.9	93.8 94.2	94.3 94.9	94.4 95.0	94.4 95.0	94.4 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1
IV 1800 1500	86.9 86.9	91.3 91.3	92.9 93.3	94.2 94.7	94.9 95.3	95.0 95.6	95.0 95.6	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7	95.1 95.7
IV 1200 1000	86.9 86.9	91.4 91.4	93.7 93.7	95.4 95.7	96.3 96.6	96.7 97.0	96.7 97.0	96.8 97.1	96.8 97.1	96.8 97.1	96.8 97.1	96.8 97.1	96.8 97.1	96.8 97.1	96.8 97.1
IV 900 800	87.0 87.0	91.8 91.9	94.0 94.1	96.0 96.1	96.9 97.0	97.6 97.7	97.7 97.8	97.7 97.8	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0	97.8 98.0
IV 700 600	87.0 87.1	91.9 92.0	94.4 94.6	97.0 97.1	97.9 98.0	98.7 98.8	98.8 98.9	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1
IV 500 400	87.1 87.1	92.0 92.1	94.7 94.8	97.2 97.3	98.1 98.2	98.9 99.0	99.0 99.1	99.3 99.1	99.4 99.6	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.9	99.4 99.9
IV 200	87.1 87.1	92.1 92.1	94.8 94.8	97.3 97.3	98.2 98.2	99.0 99.0	99.1 99.1	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0
IV 100 0	87.1 87.1	92.1 92.1	94.8 94.8	97.3 97.3	98.2 98.2	99.0 99.0	99.1 99.1	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS _____ 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FOOT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0	
NO CEILING ≥ 20000	64.4 66.1	67.8 69.8	68.2 70.4	68.6 70.9	68.7 71.0	68.8 71.1	68.8 71.1	68.8 71.1	68.8 71.1	69.2 71.5	69.2 71.5	69.2 71.5	69.2 71.5	69.2 71.5	69.2 71.5	69.2 71.5
IV 18000 IV 16000	66.1 66.1	69.8 69.8	70.4 70.4	70.9 70.9	71.0 71.0	71.1 71.1	71.1 71.1	71.1 71.1	71.1 71.1	71.5 71.5	71.5 71.5	71.5 71.5	71.5 71.5	71.5 71.5	71.5 71.5	71.5 71.5
IV 14000 IV 12000	66.4 68.0	70.2 72.0	70.8 72.8	71.3 73.3	71.4 73.4	71.5 73.6	71.5 73.6	71.5 73.6	71.5 73.6	71.9 73.9	71.9 73.9	71.9 73.9	71.9 73.9	71.9 73.9	71.9 73.9	71.9 73.9
IV 10000 IV 9000	70.0 70.8	74.0 74.9	74.5 75.7	75.7 76.6	75.8 76.7	76.0 76.8	76.0 76.8	76.0 76.8	76.0 76.8	76.3 77.2	76.3 77.2	76.3 77.2	76.3 77.2	76.3 77.2	76.3 77.2	76.3 77.2
IV 8000 IV 7000	73.2 75.8	77.3 80.6	78.5 81.9	79.3 83.0	79.5 83.1	79.6 83.3	79.6 83.3	79.6 83.3	79.6 83.3	80.0 83.7	80.0 83.7	80.0 83.7	80.0 83.7	80.0 83.7	80.0 83.7	80.0 83.7
IV 6000 IV 5000	76.6 80.0	81.8 84.9	83.1 86.2	84.2 87.3	84.3 87.4	84.5 87.7	84.5 87.8	84.5 87.8	84.5 87.8	84.9 88.2	84.9 88.2	84.9 88.2	84.9 88.2	84.9 88.2	84.9 88.2	84.9 88.2
IV 4500 IV 4000	80.7 81.5	86.0 86.8	87.3 88.3	88.4 89.4	88.5 89.5	88.8 89.7	88.9 89.9	88.9 89.9	88.9 89.9	89.3 90.2	89.3 90.2	89.3 90.2	89.3 90.2	89.3 90.2	89.3 90.2	89.3 90.2
IV 3500 IV 3000	83.3 84.1	88.8 89.6	90.2 91.2	91.3 92.0	91.4 93.0	91.7 93.4	91.8 93.6	91.8 93.6	91.8 93.6	92.1 94.0	92.1 94.0	92.1 94.0	92.1 94.0	92.1 94.0	92.1 94.0	92.1 94.0
IV 2500 IV 2000	84.8 85.5	90.3 91.1	91.9 92.6	93.5 94.2	93.7 94.4	94.2 94.9	94.4 95.2	94.4 95.2	94.4 95.2	94.8 95.5	94.8 95.5	94.8 95.5	94.8 95.5	94.8 95.5	94.8 95.5	94.8 95.5
IV 1800 IV 1500	85.6 85.6	91.2 91.2	92.8 92.9	94.3 94.4	94.6 94.7	95.0 95.2	95.3 95.4	95.3 95.4	95.3 95.4	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8	95.7 95.8
IV 1200 IV 1000	86.0 86.0	91.5 91.8	93.2 93.8	95.0 95.7	95.3 95.9	95.8 96.4	96.0 96.6	96.0 96.6	96.0 96.6	96.4 97.0	96.4 97.0	96.4 97.0	96.4 97.0	96.4 97.0	96.4 97.0	96.4 97.0
IV 900 IV 800	86.0 86.0	91.8 91.8	94.1 94.1	95.9 96.0	96.1 96.3	96.6 96.7	96.9 97.0	96.9 97.0	96.9 97.0	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6
IV 700 IV 600	86.1 86.2	91.9 92.0	94.2 94.4	96.4 96.6	96.6 96.9	97.1 97.3	97.3 97.6	97.3 97.6	97.3 97.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6
IV 500 IV 400	86.4 86.4	92.1 92.1	94.8 94.8	97.0 97.1	97.2 97.3	97.8 97.9	98.1 98.2	98.1 98.2	98.1 98.2	98.4 98.6	98.4 98.6	98.4 98.6	98.4 98.6	98.4 98.6	98.4 98.6	98.4 98.6
IV 300 IV 200	86.4 86.4	92.3 92.3	94.9 94.9	97.2 97.2	97.5 97.5	98.2 98.2	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV 100 0	86.4 86.4	92.3 92.3	94.9 94.9	97.2 97.2	97.5 97.5	98.2 98.2	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9

TOTAL NUMBER OF OBSERVATIONS 828

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
YEARS

1 OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.7	70.3	71.7	72.4	72.4	72.7	72.7	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.6
≥ 18000	68.4	72.4	73.9	74.7	74.7	74.9	74.9	74.9	75.3	75.7	75.7	75.7	75.7	75.7	75.9
≥ 16000	68.4	72.4	73.9	74.7	74.7	74.9	74.9	74.9	75.3	75.7	75.7	75.7	75.7	75.7	75.9
≥ 14000	68.8	72.8	74.3	75.1	75.1	75.3	75.3	75.3	75.7	76.1	76.1	76.1	76.1	76.1	76.3
≥ 12000	69.9	74.1	75.6	76.9	76.9	77.2	77.2	77.2	77.6	78.0	78.0	78.0	78.0	78.0	78.1
≥ 10000	71.1	75.3	76.8	78.4	78.4	78.7	78.7	78.7	79.1	79.5	79.5	79.5	79.5	79.5	79.6
≥ 9000	72.1	76.4	77.9	79.5	79.5	79.7	79.7	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.7
≥ 8000	73.9	78.4	80.0	81.6	81.6	81.9	81.9	81.9	82.3	82.7	82.7	82.7	82.7	82.7	82.8
≥ 7000	75.2	80.3	82.0	83.6	83.6	83.9	83.9	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.8
≥ 6000	76.5	81.7	83.5	85.1	85.1	85.3	85.3	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.3
≥ 5000	78.2	83.7	85.5	87.1	87.2	87.5	87.5	87.5	87.9	88.3	88.3	88.3	88.3	88.3	88.4
≥ 4500	79.3	85.2	86.9	88.5	88.7	88.9	88.9	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.9
≥ 4000	81.2	87.2	88.9	90.5	90.7	90.9	90.9	90.9	91.3	91.7	91.7	91.7	91.7	91.7	91.9
≥ 3500	82.0	88.0	89.7	91.3	91.5	91.7	91.7	91.7	92.1	92.5	92.5	92.5	92.5	92.5	92.7
≥ 3000	83.1	89.3	91.1	92.8	92.9	93.2	93.2	93.2	93.6	94.0	94.0	94.0	94.0	94.0	94.1
≥ 2500	83.2	89.5	91.3	93.3	93.5	93.7	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.7
≥ 2000	83.5	89.9	91.7	93.7	93.9	94.3	94.3	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1800	83.5	89.9	91.7	93.7	93.9	94.3	94.3	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1500	83.5	89.9	91.7	93.7	93.9	94.3	94.3	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1200	83.7	90.3	92.3	94.4	94.5	94.9	94.9	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.9
≥ 1000	84.0	90.5	92.8	95.1	95.2	95.6	95.6	95.6	96.0	96.4	96.4	96.4	96.4	96.4	96.5
≥ 900	84.1	90.7	92.9	95.3	95.5	95.9	95.9	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.8
≥ 800	84.3	90.8	93.2	95.9	96.0	96.4	96.4	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.3
≥ 700	84.4	90.9	93.3	96.0	96.1	96.5	96.5	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.6
≥ 600	84.5	91.1	93.5	96.3	96.4	96.8	96.8	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.9
≥ 500	84.5	91.2	93.6	96.4	96.5	96.9	97.1	97.1	97.6	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	84.5	91.2	94.0	96.8	96.9	97.3	97.6	97.6	98.1	99.1	99.1	99.1	99.1	99.2	99.5
≥ 300	84.5	91.2	94.0	97.1	97.2	97.6	97.9	97.9	98.4	99.3	99.3	99.3	99.3	99.3	99.7
≥ 200	84.5	91.2	94.0	97.1	97.2	97.6	97.9	97.9	98.4	99.3	99.3	99.3	99.3	99.3	99.7
≥ 100	84.5	91.2	94.0	97.1	97.2	97.6	97.9	97.9	98.5	99.5	99.5	99.5	99.5	99.5	99.9
≥ 0	84.5	91.2	94.0	97.1	97.2	97.6	97.9	97.9	98.5	99.5	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 750

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-65

INDV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.5	56.0	57.0	58.5	59.2	59.4	59.6	59.6	60.1	60.1	60.1	60.4	60.4	60.4	60.6
≥ 20000	57.4	59.9	60.9	62.4	63.1	63.3	63.5	63.5	64.1	64.1	64.1	64.5	64.5	64.5	64.6
≥ 18000	57.4	59.9	60.9	62.4	63.1	63.3	63.5	63.5	64.1	64.1	64.1	64.5	64.5	64.5	64.6
≥ 16000	57.4	59.9	60.9	62.4	63.1	63.3	63.5	63.5	64.1	64.1	64.1	64.5	64.5	64.5	64.6
≥ 14000	58.2	60.7	61.8	63.3	64.0	64.1	64.3	64.3	65.0	65.0	65.0	65.3	65.3	65.3	65.5
≥ 12000	60.4	62.9	64.0	65.5	66.3	66.5	66.7	66.7	67.3	67.3	67.3	67.7	67.7	67.7	67.9
≥ 10000	63.6	66.3	67.5	69.2	70.1	70.2	70.4	70.4	71.1	71.1	71.1	71.4	71.4	71.4	71.6
≥ 9000	63.6	66.3	67.5	69.2	70.1	70.2	70.4	70.4	71.1	71.1	71.1	71.4	71.4	71.4	71.6
≥ 8000	68.0	71.1	72.3	73.9	74.8	75.0	75.1	75.1	75.8	75.8	75.8	76.1	76.1	76.1	76.3
≥ 7000	70.4	73.4	74.6	76.3	77.2	77.3	77.5	77.5	78.2	78.2	78.2	78.5	78.5	78.5	79.0
≥ 6000	71.7	75.0	76.6	78.3	79.5	79.7	79.9	79.9	80.5	80.5	80.5	80.9	80.9	81.2	81.4
≥ 5000	72.8	76.0	77.7	79.4	80.5	80.7	80.9	80.9	81.6	81.6	81.6	81.9	81.9	82.2	82.4
≥ 4500	73.9	77.2	79.0	81.0	82.2	82.4	82.6	82.6	83.2	83.2	83.2	83.6	83.6	83.9	84.1
≥ 4000	76.0	79.2	81.0	83.4	84.6	84.8	84.9	84.9	85.6	85.6	85.6	86.0	86.0	86.3	86.8
≥ 3500	77.0	80.2	82.1	84.9	86.1	86.3	86.5	86.5	87.1	87.1	87.1	87.5	87.5	87.8	88.0
≥ 3000	77.5	81.6	83.4	86.5	87.6	87.8	88.0	88.0	88.7	88.7	88.7	89.0	89.0	89.3	89.5
≥ 2500	78.5	82.6	84.4	87.5	88.7	88.8	89.0	89.0	89.7	89.7	89.7	90.0	90.0	90.4	90.8
≥ 2000	80.0	84.1	86.0	89.3	90.5	90.7	90.9	90.9	91.5	91.5	91.5	91.9	91.9	92.2	92.4
≥ 1800	80.5	84.6	86.6	90.0	91.2	91.4	91.5	91.5	92.2	92.2	92.2	92.6	92.6	92.9	93.1
≥ 1500	81.0	85.6	87.6	91.0	92.2	92.4	92.6	92.6	93.2	93.2	93.2	93.6	93.6	93.9	94.1
≥ 1200	81.0	86.0	88.0	91.5	92.7	93.2	93.4	93.4	94.1	94.1	94.1	94.4	94.4	94.8	94.9
≥ 1000	81.0	86.0	88.0	91.5	92.7	93.2	93.4	93.4	94.1	94.1	94.1	94.4	94.4	94.8	94.9
≥ 900	81.2	86.1	88.2	91.7	92.9	93.4	93.6	93.6	94.2	94.2	94.2	94.6	94.6	94.9	95.1
≥ 800	81.4	86.3	88.3	92.0	93.2	93.7	93.9	93.9	94.6	94.6	94.6	94.9	94.9	95.3	95.4
≥ 700	81.7	86.6	88.7	92.4	93.6	94.2	94.4	94.4	95.1	95.1	95.1	95.6	95.6	95.9	96.1
≥ 600	81.7	86.6	88.7	92.4	93.6	94.4	94.8	94.8	95.4	95.4	95.4	95.9	95.9	96.3	96.4
≥ 500	81.7	86.6	89.2	93.1	94.2	95.3	95.8	95.8	96.4	96.4	96.4	97.0	97.0	97.3	97.5
≥ 400	81.7	86.6	89.2	93.1	94.2	95.3	95.8	95.8	96.6	96.6	96.6	97.1	97.1	97.5	97.8
≥ 300	81.7	86.6	89.2	93.1	94.2	95.3	95.8	95.8	97.0	97.5	97.5	97.8	97.8	98.1	98.8
≥ 200	81.7	86.6	89.2	93.1	94.2	95.3	95.9	95.9	97.1	97.8	97.8	98.5	98.5	98.8	99.5
≥ 100	81.7	86.6	89.2	93.1	94.2	95.3	95.9	95.9	97.1	97.8	97.8	98.5	98.5	98.8	100.0
0	81.7	86.6	89.2	93.1	94.2	95.3	95.9	95.9	97.1	97.8	97.8	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 591

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT HEAD MARYLAND/TIDYON AAF
STATION NAME

59-65
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.0	58.2	58.9	60.4	60.4	61.1	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.9	62.1
≥ 20000	58.4	60.6	61.3	62.9	63.1	63.8	64.0	64.0	64.3	64.5	64.5	64.5	64.5	64.6	64.6
≥ 18000	58.4	60.6	61.3	62.9	63.1	63.8	64.0	64.0	64.3	64.5	64.5	64.5	64.5	64.6	64.6
≥ 16000	58.7	60.9	61.6	63.3	63.5	64.1	64.3	64.3	64.8	64.8	64.8	64.8	64.8	65.0	65.1
≥ 14000	59.1	61.3	61.9	63.6	63.8	64.5	64.6	64.6	65.1	65.1	65.1	65.1	65.1	65.3	65.5
≥ 12000	61.8	64.0	64.6	66.3	66.5	67.2	67.3	67.3	67.9	67.9	67.9	67.9	67.9	68.0	68.2
≥ 10000	64.3	67.2	68.2	70.2	70.4	71.1	71.2	71.2	71.7	71.7	71.7	71.7	71.7	71.9	72.1
≥ 9000	64.6	67.5	68.5	70.6	71.2	71.9	72.1	72.1	72.6	72.6	72.6	72.6	72.6	72.8	72.9
≥ 8000	67.3	70.4	71.4	73.4	74.1	74.8	75.0	75.0	75.5	75.5	75.5	75.5	75.5	75.6	75.8
≥ 7000	67.9	70.9	71.9	73.9	74.6	75.3	75.5	75.5	76.0	76.0	76.0	76.1	76.1	76.3	76.8
≥ 6000	68.2	71.9	73.1	75.1	75.8	76.5	76.6	76.6	77.2	77.2	77.2	77.3	77.3	77.7	78.0
≥ 5000	70.9	74.8	76.1	78.2	78.8	79.3	79.7	79.7	80.2	80.2	80.2	80.4	80.4	80.7	81.0
≥ 4500	71.9	75.8	77.2	79.4	80.0	80.7	80.9	80.9	81.4	81.4	81.4	81.6	81.6	81.9	82.2
≥ 4000	74.5	78.3	80.0	82.2	82.9	83.6	83.8	83.8	84.3	84.3	84.3	84.4	84.4	84.8	85.1
≥ 3500	75.8	80.0	81.9	84.1	84.8	85.4	85.6	85.6	86.1	86.1	86.1	86.3	86.3	86.6	87.0
≥ 3000	76.1	80.9	82.9	85.1	85.0	86.5	86.6	86.6	87.1	87.1	87.1	87.3	87.3	87.6	88.0
≥ 2500	76.5	81.4	83.6	85.8	86.5	87.1	87.2	87.3	88.0	88.0	88.0	88.2	88.2	88.5	89.0
≥ 2000	78.5	84.3	86.5	88.7	89.3	90.0	90.2	90.2	90.9	90.9	90.9	91.0	91.0	91.4	91.9
≥ 1800	78.5	84.3	86.6	89.0	89.7	90.4	90.5	90.5	91.4	91.4	91.4	91.5	91.5	91.9	92.4
≥ 1500	78.7	84.6	87.0	89.5	90.2	90.9	91.0	91.0	91.9	91.9	91.9	92.0	92.0	92.4	92.9
≥ 1200	78.8	84.8	87.5	90.0	90.7	91.4	91.5	91.5	92.4	92.4	92.4	92.6	92.6	92.9	93.4
≥ 1000	79.0	84.9	87.6	90.4	91.0	91.7	91.9	91.9	92.7	92.7	92.7	92.9	92.9	93.2	93.7
≥ 900	79.0	84.9	87.6	90.5	91.2	92.4	92.6	92.6	93.4	93.4	93.4	93.6	93.6	93.9	94.4
≥ 800	79.4	85.3	88.0	90.9	91.5	92.7	92.9	92.9	93.7	93.7	93.7	93.9	93.9	94.2	94.8
≥ 700	79.4	85.3	88.0	90.9	91.5	92.7	92.9	92.9	93.7	93.9	93.9	94.1	94.1	94.4	94.9
≥ 600	79.5	85.6	88.5	91.7	92.4	94.2	94.4	94.4	95.4	95.6	95.6	95.8	95.8	96.1	96.6
≥ 500	79.5	85.6	88.7	92.0	92.7	94.6	94.8	94.8	96.1	96.3	96.3	96.4	96.4	96.8	97.3
≥ 400	79.5	85.6	88.7	92.0	92.7	94.6	94.8	94.8	96.1	96.3	96.3	96.4	96.4	96.8	97.3
≥ 300	79.9	86.0	89.0	92.4	93.1	95.3	95.6	95.6	97.3	97.6	97.6	97.8	97.8	98.1	98.6
≥ 200	79.9	86.0	89.0	92.4	93.1	95.3	95.6	95.6	97.3	97.6	97.6	97.8	97.8	98.1	98.6
≥ 100	79.9	86.0	89.0	92.4	93.1	95.3	95.6	95.6	97.3	97.6	97.6	97.8	97.8	98.1	98.6
≥ 0	79.9	86.0	89.0	92.4	93.1	95.3	95.6	95.6	97.3	97.6	97.6	97.8	97.8	98.1	98.6

TOTAL NUMBER OF OBSERVATIONS 591

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.1	48.7	50.5	52.0	52.1	53.1	53.1	53.2	53.4	53.5	53.5	53.8	53.8	54.2	54.6
IV 18000	45.6	51.5	53.4	55.2	55.3	56.3	56.3	56.4	56.6	56.9	56.9	57.2	57.2	57.6	58.0
IV 16000	45.7	51.6	53.5	55.3	55.4	56.4	56.4	56.5	56.7	57.0	57.0	57.3	57.3	57.7	58.1
IV 14000	45.8	51.7	53.6	55.4	55.6	56.5	56.5	56.6	56.9	57.1	57.1	57.4	57.4	57.8	58.2
IV 12000	46.2	52.0	53.9	55.8	55.9	56.9	56.9	57.0	57.2	57.4	57.4	57.7	57.7	58.1	58.6
IV 10000	47.9	53.8	56.0	58.0	58.1	59.1	59.2	59.3	59.3	59.8	59.8	60.1	60.1	60.5	60.9
IV 9000	51.5	57.8	60.2	62.4	62.5	63.5	63.9	64.0	64.3	64.5	64.5	64.9	64.9	65.4	65.8
IV 8000	51.8	58.5	60.8	63.1	63.2	64.3	64.6	64.7	65.0	65.4	65.4	65.8	65.8	66.2	66.7
IV 7000	54.5	61.8	64.4	66.8	66.9	68.1	68.4	68.5	68.8	69.1	69.1	69.6	69.6	70.0	70.4
IV 6000	56.2	64.1	66.9	69.3	69.4	70.6	70.9	71.0	71.3	71.7	71.7	72.3	72.3	72.7	73.1
IV 5000	57.7	66.0	69.1	72.0	72.1	73.5	73.8	73.9	74.2	74.6	74.6	75.2	75.2	75.6	76.1
IV 4500	60.1	68.7	71.8	74.6	74.8	76.3	76.6	76.7	77.0	77.5	77.5	78.0	78.0	78.4	78.9
IV 4000	61.6	70.2	73.4	76.2	76.3	77.8	78.1	78.2	78.5	79.0	79.0	79.5	79.5	79.9	80.4
IV 3500	64.8	73.8	77.3	80.3	80.4	81.9	82.2	82.3	82.6	83.1	83.1	83.6	83.6	84.0	84.5
IV 3000	65.0	74.3	78.1	81.0	81.1	82.6	83.0	83.1	83.4	83.8	83.8	84.4	84.4	84.8	85.2
IV 2500	65.8	75.2	79.0	82.2	82.3	83.8	84.1	84.3	84.6	85.0	85.0	85.5	85.5	86.0	86.4
IV 2000	66.5	75.8	79.6	83.1	83.2	84.7	85.0	85.1	85.4	86.0	86.0	86.5	86.5	86.9	87.4
IV 1800	67.5	77.2	81.0	85.0	85.1	86.7	87.1	87.2	87.5	88.0	88.0	88.5	88.5	89.2	89.6
IV 1500	67.6	77.3	81.1	85.1	85.2	86.8	87.2	87.3	87.6	88.1	88.1	88.9	88.9	89.3	89.8
IV 1200	68.0	77.8	81.6	85.7	85.8	87.7	88.0	88.1	88.5	89.0	89.1	89.9	89.9	90.3	90.7
IV 1000	68.2	78.2	82.2	86.5	86.6	88.6	89.0	89.1	89.4	90.0	90.1	90.9	90.9	91.4	91.8
IV 900	68.3	78.4	82.3	86.8	86.9	89.0	89.4	89.5	89.8	90.4	90.5	91.7	91.7	92.1	92.6
IV 800	68.3	78.4	82.6	87.1	87.2	89.2	89.6	89.8	90.4	90.9	91.0	92.0	92.0	92.4	92.9
IV 700	68.3	78.4	82.6	87.2	87.3	89.3	89.9	90.0	90.6	91.2	91.3	92.2	92.2	92.7	93.1
IV 600	68.3	78.4	82.6	87.2	87.3	89.4	90.0	90.1	90.7	91.4	91.5	92.6	92.6	93.0	93.4
IV 500	68.4	78.5	82.8	87.4	87.5	89.6	90.3	90.4	91.0	91.7	91.8	92.9	92.9	93.3	93.7
IV 400	68.4	78.5	82.8	87.4	87.5	89.8	90.7	90.8	91.8	92.4	92.6	93.7	93.7	94.2	94.6
IV 300	68.5	78.6	83.2	87.8	87.9	90.4	91.4	91.5	92.7	93.4	93.6	94.9	94.9	95.4	95.8
IV 200	68.5	78.6	83.2	87.8	87.9	90.7	91.7	91.9	93.2	94.1	94.3	95.7	95.8	96.3	96.8
IV 100	68.5	78.6	83.2	87.8	87.9	90.9	91.9	92.1	93.6	94.6	94.8	96.4	96.7	97.2	98.0
IV 0	68.5	78.6	83.2	87.8	87.9	90.9	91.9	92.1	93.6	94.6	94.8	96.5	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	51.2	52.4	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	49.9	55.5	56.9	58.9	59.1	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 18000	50.1	55.7	57.1	59.1	59.3	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 16000	50.1	55.7	57.2	59.2	59.4	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000	50.7	56.3	58.1	60.1	60.3	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 12000	53.8	59.3	61.4	63.9	64.2	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	57.3	63.6	65.8	68.6	68.8	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 9000	58.1	64.7	66.9	69.6	69.8	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9
IV 8000	60.3	67.1	69.3	72.2	72.4	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5
IV 7000	62.2	68.3	71.3	74.5	74.7	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
IV 6000	63.2	70.5	73.4	76.7	76.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4
IV 5000	65.1	72.5	75.5	79.1	79.4	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8
IV 4500	66.4	73.9	76.8	80.5	80.7	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
IV 4000	67.4	74.9	77.9	81.7	81.9	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
IV 3500	67.5	75.2	78.2	82.1	82.3	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
IV 3000	68.3	76.2	79.6	83.6	84.2	85.2	85.6	85.6	85.8	85.8	85.8	85.8	86.0	86.1	86.1
IV 2500	68.7	76.6	80.0	84.4	85.0	86.2	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.1
IV 2000	70.0	78.0	81.3	85.7	86.5	87.6	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.6
IV 1800	70.1	78.2	81.6	86.0	86.7	87.8	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8	88.8
IV 1500	70.5	78.6	82.0	86.4	87.2	88.9	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.9	89.9
IV 1200	71.0	79.0	82.5	87.3	88.3	90.3	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.4
IV 1000	71.0	79.1	82.8	88.1	89.0	91.0	91.5	91.5	91.8	91.8	91.8	91.9	91.9	92.0	92.0
IV 900	71.0	79.1	82.8	88.1	89.0	91.0	91.5	91.5	91.8	91.8	91.8	91.9	91.9	92.0	92.0
IV 800	71.0	79.5	83.1	88.4	89.3	91.3	92.2	92.2	92.8	92.8	92.8	93.0	93.0	93.2	93.3
IV 700	71.0	79.5	83.1	88.4	89.3	91.3	92.6	92.6	93.1	93.4	93.4	93.7	93.7	93.8	93.8
IV 600	71.0	79.5	83.2	88.6	89.7	92.0	93.4	93.6	94.1	94.4	94.4	94.8	94.8	94.9	94.9
IV 500	71.0	79.5	83.3	89.2	90.5	93.5	94.9	95.4	95.9	96.3	96.3	96.6	96.6	96.8	96.8
IV 400	71.0	79.5	83.3	89.2	90.5	93.5	95.1	95.7	96.3	97.0	97.0	97.3	97.3	97.6	97.6
IV 300	71.0	79.5	83.3	89.3	90.9	93.9	95.6	96.2	96.9	97.6	97.6	98.3	98.3	98.8	98.8
IV 200	71.0	79.5	83.3	89.3	90.9	93.9	95.6	96.2	96.9	97.7	97.7	98.4	98.4	99.0	99.2
IV 100	71.0	79.5	83.3	89.3	90.9	93.9	95.6	96.2	96.9	97.7	97.7	98.5	98.5	99.1	99.8
IV 0	71.0	79.5	83.3	89.3	90.9	93.9	95.6	96.2	96.9	97.7	97.7	98.5	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 954

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSNOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	49.1	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	54.9	57.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	54.9	57.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	55.3	58.2	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	56.3	59.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	59.8	62.9	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	63.1	66.7	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	63.7	67.3	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	66.0	69.7	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	67.7	71.5	73.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	68.4	72.7	74.7	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	70.1	74.4	76.4	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	71.5	76.0	78.1	79.2	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	74.3	79.1	81.7	82.9	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	75.8	80.7	83.2	84.5	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	77.6	82.5	85.3	86.8	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	78.0	82.9	85.7	87.2	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	79.0	84.2	87.0	88.7	89.0	89.2	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	79.4	84.5	87.3	89.0	89.3	89.5	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	79.6	85.3	88.6	90.4	90.7	90.9	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	80.1	86.1	89.4	91.3	91.6	91.8	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	80.5	86.6	89.9	91.9	92.3	93.0	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	80.6	86.7	90.1	92.3	92.8	93.8	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	80.6	86.8	90.4	93.0	93.4	94.4	94.8	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	80.6	86.9	90.6	93.2	93.8	94.9	95.5	95.5	95.9	96.2	96.2	96.2	96.3	96.3	96.3
≥ 600	80.7	87.0	90.8	94.1	95.0	96.1	97.0	97.0	97.4	97.8	97.8	97.9	98.0	98.0	98.0
≥ 500	80.7	87.1	91.0	94.5	95.4	96.5	97.4	97.4	97.8	98.2	98.2	98.3	98.5	98.5	98.5
≥ 400	80.7	87.1	91.0	94.5	95.4	96.6	97.7	97.7	98.4	98.8	98.8	99.0	99.2	99.2	99.2
≥ 300	80.7	87.1	91.0	94.5	95.7	97.0	98.2	98.3	99.1	99.5	99.5	99.6	99.8	99.8	99.8
≥ 200	80.7	87.1	91.0	94.5	95.7	97.0	98.2	98.3	99.1	99.5	99.5	99.6	99.8	99.8	99.9
≥ 100	80.7	87.1	91.0	94.5	95.7	97.0	98.2	98.3	99.1	99.5	99.5	99.6	99.8	99.8	100.0
≥ 0	80.7	87.1	91.0	94.5	95.7	97.0	98.2	98.3	99.1	99.5	99.5	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 954

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.5	48.1	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 18000 IV 16000	54.8	57.0	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000 IV 12000	56.3	58.8	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 10000 IV 9000	64.4	67.1	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
IV 8000 IV 7000	67.6	70.5	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
IV 6000 IV 5000	72.0	75.5	76.7	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
IV 4500 IV 4000	75.7	79.7	81.1	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
IV 3500 IV 3000	81.3	85.3	87.0	88.2	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
IV 2500 IV 2000	82.8	86.9	88.6	89.7	89.7	90.1	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
IV 1800 IV 1500	83.3	87.6	89.4	90.7	90.7	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
IV 1200 IV 1000	84.0	88.5	90.6	92.0	92.0	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 900 IV 800	84.5	89.0	91.2	92.9	92.9	94.1	94.3	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7
IV 700 IV 600	84.7	89.2	91.9	94.1	94.1	95.8	96.2	96.2	96.9	97.1	97.2	97.3	97.3	97.3	97.3
IV 500 IV 400	84.7	89.3	92.1	94.4	94.4	95.2	97.1	97.7	97.7	98.3	98.7	99.0	99.1	99.1	99.1
IV 300 IV 200	84.7	89.3	92.1	94.4	94.4	95.4	97.4	98.0	98.0	98.6	99.1	99.4	99.5	99.5	99.5
IV 100 IV 0	84.7	89.3	92.1	94.4	94.4	95.4	97.4	98.0	98.0	98.6	99.2	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 954

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.8 58.3	53.3 60.7	53.8 61.3	53.9 61.6	53.9 61.6	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.2 61.9	54.4 62.2
IV 18000 IV 16000	58.4 58.4	60.8 60.8	61.5 61.5	61.7 61.7	61.7 61.7	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.1 62.1	62.3 62.3
IV 14000 IV 12000	60.0 63.3	62.7 66.2	63.5 67.0	63.8 67.4	63.8 67.4	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.1 67.8	64.4 68.0
IV 10000 IV 9000	66.4 67.2	69.5 70.5	70.3 71.4	70.7 71.8	70.7 71.8	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.0 72.1	71.3 72.4
IV 8000 IV 7000	70.3 72.4	73.7 76.0	74.5 77.0	74.9 77.3	74.9 77.3	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.4 77.8	75.6 78.1
IV 6000 IV 5000	73.9 76.1	77.7 80.2	78.7 81.2	79.3 81.8	79.3 81.8	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	79.8 82.3	80.0 82.5
IV 4500 IV 4000	77.1 79.5	81.2 83.6	82.2 84.7	82.8 85.3	82.8 85.3	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.3 85.9	83.5 86.2
IV 3500 IV 3000	80.7 83.3	85.0 87.6	86.1 88.7	86.8 89.5	86.8 89.5	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.5 90.3	87.9 90.7
IV 2500 IV 2000	84.0 85.0	88.5 89.7	89.8 91.3	90.5 92.2	90.5 92.2	91.4 92.5	91.4 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	92.0 92.9
IV 1800 IV 1500	85.0 85.6	89.7 90.3	91.3 91.9	92.2 92.8	92.2 92.8	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.5 93.1	92.9 93.9
IV 1200 IV 1000	85.7 85.7	90.4 90.4	92.2 92.5	93.2 93.5	93.2 93.5	94.4 95.0	94.4 95.0	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.2	94.5 95.2	95.0 95.8
IV 900 IV 800	85.7 85.7	90.4 90.4	92.6 92.6	93.6 93.8	93.6 93.8	95.2 95.6	95.2 95.6	95.3 95.8	95.3 95.8	95.4 95.9	95.6 96.1	95.8 96.2	95.8 96.2	95.8 96.2	96.0 96.5
IV 700 IV 600	85.7 85.8	90.4 90.5	92.7 92.8	94.1 94.3	94.4 94.7	95.9 96.2	95.9 96.2	96.0 96.5	96.0 96.5	96.1 96.6	96.4 96.8	96.5 97.0	96.7 97.2	96.7 97.2	97.0 97.3
IV 500 IV 400	85.8 85.8	90.5 90.5	92.8 93.0	94.3 94.4	94.7 95.2	96.5 97.0	96.5 97.0	97.1 97.7	97.1 97.7	97.3 97.9	97.7 98.3	97.8 98.4	98.2 98.8	98.2 98.8	98.4 99.0
IV 300 IV 200	85.8 85.8	90.5 90.5	93.0 93.0	94.4 94.4	95.2 95.2	97.0 97.0	97.0 97.0	97.7 97.7	97.7 97.7	97.9 97.9	98.3 98.3	98.4 98.4	99.0 99.0	99.0 99.0	99.3 99.6
IV 100 IV 0	85.8 85.8	90.5 90.5	93.0 93.0	94.4 94.4	95.2 95.2	97.0 97.0	97.0 97.0	97.7 97.7	97.7 97.7	97.9 97.9	98.3 98.3	98.4 98.4	99.4 99.4	99.4 99.4	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

52737
STATION

FOOT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	54.3	56.1	56.4	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.3	57.3	57.3	57.3
≥ 20000	59.4	61.5	61.7	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9
≥ 18000	59.4	61.5	61.7	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9
≥ 16000	59.4	61.5	61.7	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9
≥ 14000	60.2	62.4	62.8	63.5	63.5	63.5	63.5	63.5	63.8	63.8	63.8	64.0	64.0	64.0	64.0
≥ 12000	62.7	64.8	65.5	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.7	66.7	66.7	66.7
≥ 10000	65.9	68.1	68.7	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	70.1	70.1	70.1	70.1
≥ 9000	66.5	68.7	69.3	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.7	70.7	70.7	70.7
≥ 8000	70.4	72.6	73.2	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5
≥ 7000	74.3	76.5	77.1	77.9	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.4	78.4	78.4	78.4
≥ 6000	75.9	78.2	78.8	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.4	80.4	80.4	80.4
≥ 5000	78.2	80.5	81.1	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.7	82.7	82.7	82.7
≥ 4500	78.8	81.2	81.9	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.3	83.5	83.5	83.5	83.5
≥ 4000	81.3	83.8	84.6	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	86.2	86.2	86.2	86.2
≥ 3500	81.7	84.1	85.2	86.5	86.5	86.5	86.7	86.7	86.9	86.9	86.9	87.2	87.2	87.2	87.2
≥ 3000	82.9	85.7	87.0	88.4	88.4	88.4	88.5	88.5	88.7	88.7	88.7	89.0	89.0	89.0	89.0
≥ 2500	83.0	87.9	89.3	90.8	90.8	90.9	90.9	90.9	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 2000	86.4	89.6	91.2	93.1	93.1	93.2	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 1800	86.8	89.9	91.5	93.5	93.5	93.6	93.6	93.6	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 1500	86.8	89.9	91.5	93.5	93.5	93.6	93.6	93.6	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 1200	87.2	90.3	92.0	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5
≥ 1000	87.6	90.8	92.6	94.8	94.8	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 900	87.8	90.9	92.7	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 800	87.8	90.9	92.7	95.0	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9
≥ 700	87.8	90.9	92.7	95.3	95.4	95.5	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 600	87.8	90.9	92.7	95.4	95.5	95.6	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.4	96.4
≥ 500	87.8	91.0	93.2	95.9	96.1	96.4	96.7	96.7	97.0	97.0	97.0	97.3	97.3	97.5	97.5
≥ 400	87.9	91.2	93.3	96.0	96.6	96.8	97.2	97.2	97.5	97.5	97.5	98.5	98.5	98.7	98.7
≥ 300	87.9	91.2	93.3	96.0	96.6	96.8	97.2	97.2	97.5	97.5	97.5	98.7	98.7	99.2	99.2
≥ 200	87.9	91.2	93.3	96.0	96.6	96.8	97.2	97.2	97.6	97.6	97.6	99.0	99.0	99.6	99.6
≥ 100	87.9	91.2	93.3	96.0	96.6	96.8	97.2	97.2	97.6	97.6	97.6	99.0	99.0	99.6	99.6
≥ 0	87.9	91.2	93.3	96.0	96.6	96.8	97.2	97.2	97.6	97.6	97.6	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 625

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

59-65
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.8	53.3	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	54.1
IV 18000	52.8	56.8	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.4
IV 16000	52.8	56.8	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.4
IV 14000	53.3	57.3	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.8
IV 12000	55.6	59.6	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.8
IV 10000	60.4	64.4	65.9	66.7	66.7	66.7	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.3
IV 9000	61.9	65.9	67.4	68.2	68.2	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.8
IV 8000	64.8	68.8	70.4	71.1	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7
IV 7000	66.5	70.5	72.2	73.0	73.0	73.0	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.7	73.9
IV 6000	68.8	73.0	74.7	75.6	75.6	75.6	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.3	76.5
IV 5000	72.2	76.5	78.2	79.3	79.3	79.3	79.6	79.6	80.2	80.2	80.2	80.2	80.2	80.3	80.5
IV 4500	73.0	77.4	79.1	80.2	80.2	80.3	80.5	80.5	81.1	81.1	81.1	81.1	81.1	81.3	81.4
IV 4000	74.5	79.1	81.4	82.5	82.6	82.9	83.1	83.1	83.7	83.7	83.7	83.7	83.7	83.9	84.0
IV 3500	75.0	79.6	81.9	82.9	83.1	83.4	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.5
IV 3000	75.1	79.9	82.3	83.6	83.7	84.0	84.5	84.5	85.1	85.1	85.1	85.1	85.1	85.3	85.4
IV 2500	76.2	81.0	83.4	84.6	84.5	85.3	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.5	86.6
IV 2000	76.5	81.3	84.2	85.4	85.9	86.3	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.6	87.7
IV 1800	76.7	81.4	84.3	85.7	86.2	86.6	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.9	88.0
IV 1500	77.0	81.7	84.6	86.0	86.5	86.9	87.4	87.4	88.0	88.0	88.0	88.0	88.0	88.2	88.3
IV 1200	77.1	82.3	85.3	86.8	87.3	88.0	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.2	89.4
IV 1000	77.1	82.6	85.7	87.4	87.9	88.6	89.2	89.2	89.9	90.3	90.3	90.3	90.3	90.6	90.8
IV 900	77.1	82.8	85.9	87.7	88.2	88.9	89.6	89.6	90.2	90.6	90.6	90.6	90.6	90.9	91.1
IV 800	77.1	82.8	86.2	88.0	88.5	89.2	89.9	89.9	90.5	90.9	90.9	90.9	90.9	91.2	91.4
IV 700	77.1	82.9	86.3	88.5	88.9	90.0	90.6	90.6	91.2	91.7	91.7	91.7	91.7	92.0	92.3
IV 600	77.1	82.9	86.5	88.6	89.1	90.3	91.1	91.1	91.7	92.2	92.2	92.2	92.2	92.5	92.8
IV 500	77.1	83.1	86.6	88.9	89.6	90.9	91.7	91.7	92.5	93.2	93.2	93.2	93.2	93.9	94.0
IV 400	77.1	83.1	86.6	88.9	89.6	91.1	91.9	91.9	93.1	93.9	93.9	93.9	93.9	94.6	94.8
IV 300	77.4	83.4	86.9	89.2	89.9	91.4	92.3	92.3	94.0	95.2	95.2	95.2	95.2	96.0	96.2
IV 200	77.4	83.4	86.9	89.2	89.9	91.4	92.3	92.3	94.5	95.9	95.9	95.9	95.9	97.7	98.2
IV 100	77.4	83.4	86.9	89.2	89.9	91.4	92.3	92.3	94.6	96.2	96.2	96.2	96.2	98.0	98.5
IV 0	77.4	83.4	86.9	89.2	89.9	91.4	92.3	92.3	94.6	96.2	96.2	96.2	96.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

STATION

FORT MEADE MARYLAND/TIPTON AAF

STATION NAME

59-65

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.6	51.5	52.7	53.5	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	46.7	53.0	54.7	55.6	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	46.7	53.0	54.7	55.6	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 16000	46.7	53.0	54.7	55.6	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000	47.2	53.5	55.1	56.1	56.1	56.1	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4
IV 12000	49.9	56.2	57.9	58.8	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
IV 10000	53.0	59.3	61.0	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
IV 9000	54.5	60.8	62.5	63.7	63.7	63.7	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1
IV 8000	56.7	63.0	64.7	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
IV 7000	58.7	65.0	66.7	67.9	67.9	67.9	68.0	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4
IV 6000	61.8	68.0	69.9	71.3	71.3	71.3	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7
IV 5000	64.8	71.4	73.3	75.0	75.0	75.0	75.1	75.3	75.3	75.7	75.9	75.9	75.9	75.9	75.9
IV 4500	65.7	72.4	74.2	75.9	75.9	76.0	76.2	76.2	76.2	76.7	76.8	76.8	76.8	76.8	76.8
IV 4000	67.6	74.3	76.7	78.3	78.3	78.3	79.0	79.0	79.0	79.4	79.6	79.6	79.6	79.6	79.6
IV 3500	69.9	77.0	79.3	81.0	81.0	81.3	81.4	81.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3
IV 3000	71.3	78.3	80.8	82.5	82.5	82.8	82.9	83.3	83.3	83.7	83.9	83.9	83.9	83.9	83.9
IV 2500	71.6	78.6	81.4	83.3	83.3	83.6	83.7	84.0	84.0	84.5	84.6	84.6	84.6	84.6	84.6
IV 2000	72.0	79.3	82.0	84.3	84.3	84.8	85.1	85.4	85.4	85.9	86.0	86.0	86.0	86.0	86.0
IV 1800	72.0	79.3	82.0	84.3	84.3	84.8	85.1	85.4	85.6	86.0	86.2	86.2	86.2	86.2	86.2
IV 1500	72.5	79.7	82.5	84.8	84.8	85.4	85.7	86.0	86.2	86.8	86.9	86.9	86.9	86.9	86.9
IV 1200	72.5	79.7	82.5	84.9	84.9	85.6	85.9	86.2	86.3	86.9	87.1	87.1	87.1	87.1	87.1
IV 1000	72.5	79.9	82.6	85.1	85.1	85.7	86.0	86.5	86.6	87.3	87.4	87.4	87.4	87.4	87.4
IV 900	72.5	80.2	83.1	85.6	85.6	86.2	86.5	86.9	87.1	87.7	87.9	87.9	87.9	87.9	87.9
IV 800	72.5	80.2	83.1	85.6	85.6	86.2	86.5	86.9	87.1	87.7	87.9	87.9	87.9	87.9	87.9
IV 700	72.5	80.2	83.1	85.6	85.6	86.2	86.5	86.9	87.1	87.7	87.9	87.9	87.9	87.9	87.9
IV 600	72.5	80.2	83.6	86.0	86.0	86.6	86.9	87.6	87.7	88.6	88.8	88.8	88.8	88.8	88.8
IV 500	72.7	80.3	83.9	86.3	86.3	86.9	87.6	88.3	88.5	90.0	90.2	90.3	90.6	90.8	90.8
IV 400	72.7	80.3	83.9	86.5	86.5	87.4	88.8	89.9	90.0	92.2	92.5	92.6	92.9	92.9	93.9
IV 300	72.8	80.5	84.0	86.6	86.6	87.9	89.4	90.6	90.8	92.9	93.4	93.5	93.9	93.9	94.8
IV 200	72.8	80.6	84.2	86.8	86.8	88.0	89.6	90.9	91.1	94.2	94.8	94.9	95.7	95.9	96.8
IV 100	72.8	80.6	84.2	86.8	86.8	88.0	89.6	90.9	91.1	94.2	94.8	94.9	95.7	96.2	97.7
IV 0	72.8	80.6	84.2	86.8	86.8	88.0	89.6	90.9	91.1	94.2	94.8	94.9	95.7	96.2	98.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅛	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	42.9	46.0	47.4	48.4	48.6	49.0	49.9	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.8
≥ 20000	43.5	49.1	51.3	52.7	52.9	54.2	54.4	54.4	54.8	54.9	54.9	54.9	54.9	54.9	55.2
IV 18000	45.5	49.1	51.3	52.7	52.9	54.2	54.4	54.4	54.8	54.9	54.9	54.9	54.9	54.9	55.2
IV 16000	45.5	49.1	51.3	52.7	52.9	54.2	54.4	54.4	54.8	54.9	54.9	54.9	54.9	54.9	55.2
IV 14000	45.8	49.5	51.9	53.3	53.5	54.8	55.0	55.0	55.4	55.5	55.5	55.5	55.5	55.5	55.8
IV 12000	48.7	52.7	55.0	56.4	56.6	58.0	58.2	58.2	58.6	58.7	58.7	58.7	58.7	58.7	59.0
IV 10000	52.2	56.2	58.5	59.9	60.1	61.5	61.7	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.6
IV 9000	53.0	57.2	59.5	60.9	61.1	62.5	62.7	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.6
IV 8000	55.8	60.0	62.4	63.8	64.0	65.4	65.6	65.6	66.2	66.4	66.4	66.5	66.5	66.5	66.8
IV 7000	57.8	62.4	64.8	66.2	66.5	67.9	68.1	68.1	68.7	68.9	68.9	69.0	69.0	69.0	69.3
IV 6000	60.0	65.0	67.8	69.3	69.5	70.9	71.1	71.1	72.0	72.2	72.2	72.3	72.3	72.3	72.6
IV 5000	63.3	68.6	71.4	73.0	73.2	74.7	74.9	74.9	75.8	76.0	76.0	76.1	76.1	76.1	76.4
IV 4500	64.4	69.8	72.8	74.4	74.6	76.1	76.3	76.3	77.2	77.4	77.4	77.5	77.5	77.5	77.9
IV 4000	67.2	72.7	75.8	77.4	77.6	79.2	79.4	79.4	80.3	80.5	80.5	80.6	80.7	80.7	81.0
IV 3500	68.3	73.8	76.9	78.5	78.8	80.4	80.6	80.6	81.7	81.9	81.9	82.0	82.1	82.1	82.4
IV 3000	68.7	74.3	77.4	79.2	79.7	81.3	81.5	81.5	82.6	82.8	82.8	82.9	83.0	83.0	83.3
IV 2500	69.1	74.7	77.9	79.7	80.2	81.8	82.0	82.0	83.1	83.3	83.3	83.4	83.5	83.5	83.8
IV 2000	69.5	75.1	78.4	80.3	80.8	82.4	82.6	82.6	83.7	83.9	83.9	84.0	84.1	84.1	84.4
IV 1800	69.6	75.2	78.6	80.5	81.0	82.6	82.8	82.8	83.9	84.1	84.1	84.3	84.4	84.4	84.7
IV 1500	69.6	75.3	78.9	81.0	81.5	83.2	83.4	83.4	84.7	84.9	84.9	85.1	85.2	85.2	85.5
IV 1200	70.2	76.0	79.6	82.0	82.5	84.4	84.8	84.8	86.1	86.3	86.3	86.5	86.6	86.6	86.9
IV 1000	70.4	76.3	79.9	82.6	83.2	85.2	85.7	85.8	87.1	87.3	87.3	87.5	87.6	87.6	87.9
IV 900	70.5	76.4	80.1	83.0	83.6	85.6	86.2	86.3	87.6	87.8	87.8	88.0	88.1	88.1	88.4
IV 800	70.5	76.4	80.1	83.0	83.6	85.7	86.3	86.4	87.9	88.1	88.2	88.4	88.5	88.5	88.8
IV 700	70.5	76.6	80.3	83.3	84.2	86.3	87.0	87.1	88.6	88.9	89.0	89.3	89.4	89.4	89.7
IV 600	70.5	76.6	80.7	84.0	84.9	87.0	87.8	87.9	89.6	89.9	90.1	90.4	90.5	90.5	90.8
IV 500	70.8	77.1	81.5	84.8	86.0	88.3	89.2	89.3	91.1	91.5	91.7	92.0	92.2	92.3	92.6
IV 400	71.0	77.3	81.7	85.4	87.0	89.4	90.4	90.5	92.8	93.4	93.6	94.3	94.7	95.1	95.4
IV 300	71.1	77.4	81.9	85.6	87.2	89.7	91.0	91.2	93.6	94.3	94.5	95.4	96.0	96.5	96.9
IV 200	71.1	77.4	81.9	85.6	87.2	89.7	91.1	91.4	93.9	94.6	94.8	96.3	97.0	97.8	98.6
IV 100	71.1	77.4	81.9	85.6	87.2	89.7	91.1	91.4	93.9	94.6	94.8	96.3	97.0	97.9	99.1
IV 0	71.1	77.4	81.9	85.6	87.2	89.7	91.1	91.4	93.9	94.6	94.8	96.3	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 999

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSDEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.9	43.1	44.1	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.1	46.1	46.1
IV 18000 N 16000	45.6	49.1	50.9	52.6	52.9	53.1	53.1	53.1	53.3	53.3	53.3	53.4	53.5	53.5	53.5
IV 14000 N 12000	45.6	49.1	50.9	52.6	52.9	53.1	53.1	53.1	53.3	53.3	53.3	53.4	53.5	53.5	53.5
IV 10000 N 9000	46.0	49.5	51.4	53.1	53.8	53.7	53.7	53.7	53.9	53.9	53.9	54.0	54.1	54.1	54.1
IV 8000 N 7000	49.1	53.1	55.6	57.3	57.9	58.1	58.1	58.1	58.3	58.3	58.3	58.4	58.5	58.5	58.5
IV 6000 N 5000	52.5	56.7	59.5	61.5	61.9	62.3	62.4	62.4	62.9	62.9	62.9	63.0	63.1	63.1	63.1
IV 4500 N 4000	52.9	57.2	60.0	62.2	62.5	62.9	63.0	63.0	63.6	63.6	63.6	63.7	63.8	63.8	63.8
IV 3500 N 3000	56.0	60.5	63.8	66.0	66.4	66.8	67.0	67.0	67.6	67.6	67.6	67.9	68.0	68.0	68.0
IV 2500 N 2000	57.9	62.6	66.3	68.4	68.8	69.3	69.3	69.5	70.2	70.2	70.2	70.5	70.6	70.6	70.6
IV 1800 N 1500	59.8	64.8	68.4	70.8	71.3	71.8	72.1	72.1	72.7	72.7	72.7	73.0	73.1	73.1	73.1
IV 1200 N 1000	62.3	67.3	70.3	73.3	73.8	74.4	74.7	74.7	75.6	75.6	75.6	75.9	76.0	76.0	76.0
IV 900 N 800	62.3	67.7	71.7	74.1	74.6	75.2	75.5	75.6	76.4	76.4	76.4	76.7	76.9	76.9	76.9
IV 700 N 600	64.7	70.2	74.3	77.1	77.5	78.1	78.4	78.5	79.3	79.3	79.3	79.6	79.8	79.8	79.8
IV 500 N 400	66.2	71.7	75.8	78.6	79.1	79.7	80.1	80.2	81.0	81.0	81.0	81.3	81.5	81.5	81.5
IV 300 N 200	66.2	71.8	76.2	79.1	79.7	80.3	80.7	80.8	81.6	81.6	81.6	82.0	82.2	82.2	82.2
IV 100 N 0	66.6	72.3	77.0	79.9	80.6	81.2	81.6	81.7	82.5	82.5	82.5	83.0	83.2	83.2	83.2
	67.3	73.4	77.8	80.8	81.5	82.1	82.5	82.5	83.3	83.3	83.4	83.5	83.9	84.1	84.1
	67.3	73.4	77.8	80.8	81.7	82.3	82.6	82.7	83.5	83.6	83.7	84.1	84.3	84.3	84.3
	67.4	73.6	78.3	81.4	82.3	82.9	83.3	83.4	84.2	84.3	84.4	84.9	85.1	85.2	85.2
	68.1	74.5	79.3	82.5	83.4	84.3	84.9	85.1	86.0	86.1	86.2	86.7	86.9	87.0	87.0
	68.3	74.7	79.6	82.9	84.1	85.3	86.1	86.3	87.2	87.3	87.4	87.8	88.1	88.4	88.4
	68.4	74.9	79.8	83.1	84.3	85.5	86.3	86.5	87.5	87.6	87.7	88.2	88.5	88.8	88.8
	68.5	75.0	79.9	83.3	84.5	85.7	86.5	86.7	87.6	87.9	88.0	88.5	88.8	89.1	89.1
	68.7	75.2	80.2	83.7	84.9	86.5	87.5	87.6	88.8	89.4	89.5	90.1	90.4	90.7	90.8
	68.7	75.3	80.3	84.1	85.3	86.9	87.8	88.0	89.2	89.9	90.0	90.6	90.9	91.2	91.3
	68.7	75.3	80.4	84.3	85.8	87.4	88.4	88.7	90.2	91.3	91.4	92.4	92.6	92.9	93.1
	68.7	75.3	80.4	84.4	86.1	87.6	88.9	89.2	91.0	92.2	92.3	93.4	94.1	94.5	94.9
	68.7	75.3	80.4	84.5	86.2	87.7	89.0	89.3	91.4	92.7	92.9	94.4	95.5	96.2	96.8
	68.7	75.3	80.4	84.6	86.3	87.8	89.2	89.7	91.8	93.1	93.4	95.5	96.9	97.9	98.9
	68.7	75.3	80.4	84.6	86.3	87.8	89.2	89.7	91.8	93.1	93.4	95.6	97.4	98.4	99.8
	68.7	75.3	80.4	84.6	86.3	87.8	89.2	89.7	91.8	93.1	93.4	95.6	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT HENRY MARYLAND/VIPTON AAF

59-69

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.5	44.7	45.3	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV ≥ 18000	48.9	51.7	52.9	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV ≥ 16000	48.9	51.7	52.9	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV ≥ 14000	49.4	52.2	53.5	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV ≥ 12000	52.6	56.0	57.5	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV ≥ 10000	55.5	60.5	62.5	62.8	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV ≥ 9000	57.4	61.5	63.4	63.8	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV ≥ 8000	58.8	63.3	65.7	66.3	66.4	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV ≥ 7000	61.2	66.4	68.9	69.2	69.7	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV ≥ 6000	63.7	68.8	71.7	72.5	72.7	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV ≥ 5000	66.1	71.2	74.0	75.0	75.3	75.7	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV ≥ 4500	67.1	72.3	75.1	76.2	76.5	76.9	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV ≥ 4000	69.6	75.0	78.0	79.1	79.4	79.8	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV ≥ 3500	70.7	76.3	79.5	80.6	80.9	81.3	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV ≥ 3000	71.2	76.8	80.0	81.2	81.5	81.9	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV ≥ 2500	72.2	77.7	81.0	82.3	82.5	82.9	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV ≥ 2000	72.7	78.6	81.9	83.1	83.4	83.9	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV ≥ 1800	72.9	78.8	82.1	83.3	83.6	84.1	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV ≥ 1500	73.0	79.0	82.5	83.9	84.3	84.8	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV ≥ 1200	73.6	79.6	83.2	85.2	85.7	86.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV ≥ 1000	73.8	80.0	83.8	86.1	86.7	87.3	87.9	88.1	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV ≥ 900	73.8	80.1	84.0	86.3	86.9	87.5	88.1	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 800	73.9	80.6	84.6	86.9	87.5	88.0	88.7	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IV ≥ 700	73.9	80.6	84.8	87.3	87.8	88.5	89.3	89.5	90.3	90.4	90.7	90.9	91.1	91.4	91.7
IV ≥ 600	73.9	80.6	85.0	87.5	88.4	89.4	90.4	90.6	91.7	91.9	92.2	92.4	92.6	93.0	93.3
IV ≥ 500	73.9	80.6	85.0	87.5	88.4	89.5	90.7	91.1	92.4	92.9	93.3	93.8	94.3	94.7	95.0
IV ≥ 400	73.9	80.6	85.0	87.5	88.5	89.7	90.9	91.4	92.6	93.6	94.0	94.7	95.2	95.7	96.3
IV ≥ 300	73.9	80.6	85.0	87.5	88.5	89.7	90.9	91.4	92.7	94.2	94.7	95.5	96.0	97.1	98.0
IV ≥ 200	73.9	80.6	85.0	87.5	88.5	89.7	90.9	91.4	92.7	94.4	94.9	95.7	96.8	97.9	99.6
IV ≥ 100	73.9	80.6	85.0	87.5	88.5	89.7	90.9	91.4	92.7	94.4	95.0	95.8	97.0	98.2	100.0
IV ≥ 0	73.9	80.6	85.0	87.5	88.5	89.7	90.9	91.4	92.7	94.4	95.0	95.8	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.4	49.1	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	52.2	55.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	52.2	55.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	52.7	55.8	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	55.4	59.1	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	59.0	62.7	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	60.0	63.8	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	63.4	67.2	69.8	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	66.1	70.3	73.0	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	67.9	72.2	75.0	75.6	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	71.1	75.7	78.4	79.0	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	71.4	76.1	78.8	79.4	79.9	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	73.6	78.5	81.5	82.1	82.7	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	74.6	79.6	82.6	83.4	84.0	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	75.4	80.5	83.6	84.4	85.0	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	75.7	81.1	84.3	85.1	85.7	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	76.3	81.6	84.9	85.7	86.3	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	76.6	82.0	85.4	86.2	86.8	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	76.7	82.1	85.5	86.3	86.9	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	76.8	82.3	85.8	86.7	87.3	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	76.8	82.3	85.9	86.8	87.5	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	76.9	82.4	86.1	87.1	88.2	88.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	77.0	82.5	86.5	87.9	89.0	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	77.0	82.6	86.8	88.3	89.4	90.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	77.0	82.6	86.8	88.4	89.5	90.3	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	77.0	82.6	86.8	88.5	89.6	90.4	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 400	77.0	82.6	86.8	88.5	89.6	90.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 300	77.0	82.6	86.8	88.5	89.6	90.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	77.0	82.6	86.8	88.5	89.6	90.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 100	77.0	82.6	86.8	88.5	89.6	90.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	77.0	82.6	86.8	88.5	89.6	90.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 1019

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.5	51.7	52.3	52.6	52.6	52.8	52.8	53.0	53.2	53.2	53.2	53.4	53.4	53.5	53.5
IV 18000 16000	54.4	56.0	56.7	57.3	57.4	57.6	57.6	57.7	58.0	58.0	58.0	58.2	58.2	58.3	58.3
IV 14000 12000	54.4	56.0	56.7	57.3	57.4	57.6	57.6	57.7	58.0	58.0	58.0	58.2	58.2	58.3	58.3
IV 10000 9000	54.7	56.4	57.3	57.9	58.0	58.2	58.2	58.3	58.5	58.5	58.5	58.8	58.8	58.9	58.9
IV 8000 7000	57.6	59.3	60.2	60.9	61.2	61.4	61.4	61.5	61.8	61.8	61.8	62.0	62.0	62.1	62.1
IV 6000 5000	62.4	64.3	65.4	66.1	66.4	66.7	66.7	66.8	67.0	67.0	67.0	67.2	67.2	67.3	67.3
IV 4500 4000	63.1	65.0	66.1	66.8	67.1	67.3	67.4	67.6	67.8	67.8	67.8	68.0	68.0	68.1	68.1
IV 3500 3000	65.1	67.0	68.6	69.5	69.8	70.0	70.1	70.2	70.6	70.6	70.6	70.8	70.8	70.9	70.9
IV 2500 2000	67.4	69.5	71.1	72.1	72.5	73.1	73.2	73.4	73.8	73.8	73.8	74.0	74.0	74.1	74.1
IV 1800 1500	68.5	70.6	72.6	73.7	74.0	74.7	74.9	75.0	75.5	75.5	75.5	75.7	75.7	75.8	75.8
IV 1200 1000	72.6	75.1	77.1	78.3	78.6	79.3	79.7	79.8	80.3	80.3	80.3	80.5	80.5	80.6	80.6
IV 900 800	74.0	76.6	78.7	79.8	80.2	80.9	81.4	81.5	81.9	81.9	81.9	82.2	82.2	82.3	82.3
IV 700 600	75.3	78.0	80.3	81.8	81.8	82.8	83.3	83.4	83.8	83.8	83.8	84.1	84.1	84.2	84.2
IV 500 400	75.7	78.5	81.2	82.4	82.7	83.7	84.2	84.3	84.7	84.7	84.7	84.9	84.9	85.1	85.1
IV 300 200	76.0	79.3	81.9	83.2	83.5	84.7	85.2	85.3	85.7	85.7	85.7	86.0	86.0	86.1	86.1
IV 100 0	76.4	79.6	82.5	83.7	84.2	85.4	85.8	86.0	86.4	86.4	86.4	86.6	86.6	86.7	86.7
	76.6	80.0	83.3	84.6	85.1	86.3	86.7	86.8	87.3	87.3	87.3	87.5	87.5	87.7	87.7
	76.7	80.2	83.7	85.1	85.5	86.7	87.2	87.3	87.7	87.7	87.7	88.0	88.0	88.2	88.2
	77.3	80.7	84.3	85.6	86.1	87.4	87.8	88.0	88.4	88.4	88.4	88.6	88.6	88.9	88.9
	77.5	80.9	84.6	86.0	86.4	88.0	88.5	88.6	89.1	89.1	89.1	89.3	89.3	89.6	89.6
	77.5	81.0	84.7	86.3	86.7	88.6	89.2	89.3	90.2	90.2	90.2	90.4	90.4	90.9	90.9
	77.5	81.4	85.2	86.7	87.2	89.3	89.9	90.0	90.9	91.0	91.0	91.2	91.2	91.8	91.8
	77.5	81.5	85.7	87.4	87.8	90.3	90.9	91.0	91.9	92.0	92.0	92.2	92.2	92.8	92.8
	77.5	81.5	85.7	87.4	88.1	90.5	91.2	91.3	92.4	92.5	92.5	92.9	92.9	93.4	93.4
	77.5	81.5	85.7	87.6	88.3	90.7	92.1	92.2	93.4	93.9	93.9	94.5	94.5	95.1	95.1
	77.5	81.5	85.7	88.0	88.6	91.2	92.8	93.1	94.4	95.3	95.3	96.0	96.2	96.7	96.7
	77.5	81.5	85.8	88.2	88.9	91.5	93.1	93.5	94.9	95.2	95.9	96.5	96.9	97.9	97.9
	77.5	81.5	85.8	88.3	89.0	91.6	93.2	93.6	95.3	96.3	96.3	97.1	97.9	98.9	99.3
	77.5	81.5	85.8	88.3	89.0	91.6	93.2	93.6	95.3	96.3	96.3	97.1	98.0	99.0	99.6
	77.5	81.5	85.8	88.3	89.0	91.6	93.2	93.6	95.3	96.3	96.3	97.1	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 0-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0	
NO CEILING	53.3	53.6	54.0	54.2	54.2	54.3	54.3	54.3	54.7	54.7	54.7	55.1	55.2	55.3	55.3
≥ 20000	55.6	56.6	57.4	57.7	57.7	58.1	58.1	58.1	58.5	58.5	58.5	58.9	59.0	59.1	59.1
IV 18000	55.6	56.6	57.4	57.7	57.7	58.1	58.1	58.1	58.5	58.5	58.5	58.9	59.0	59.1	59.1
IV 16000	55.6	56.6	57.4	57.7	57.7	58.1	58.1	58.1	58.5	58.5	58.5	58.9	59.0	59.1	59.1
IV 14000	55.9	56.9	57.6	58.0	58.0	58.3	58.3	58.3	58.8	58.8	58.8	59.1	59.2	59.3	59.3
IV 12000	58.8	59.8	60.8	61.1	61.1	61.4	61.4	61.4	61.9	61.9	61.9	62.2	62.3	62.4	62.4
IV 10000	61.8	62.8	63.8	64.2	64.2	64.8	64.8	64.8	65.2	65.2	65.2	65.7	65.8	65.9	65.9
IV 9000	62.5	63.5	64.7	65.1	65.1	65.7	65.7	65.7	66.1	66.1	66.1	66.6	66.7	66.8	66.8
IV 8000	64.8	65.9	67.4	68.1	68.1	68.7	68.7	68.7	69.1	69.1	69.1	69.6	69.7	69.8	69.8
IV 7000	67.2	69.0	70.6	71.2	71.2	72.0	72.2	72.2	72.7	72.7	72.7	73.1	73.2	73.4	73.4
IV 6000	68.5	70.5	72.1	73.4	73.4	74.1	74.4	74.4	74.9	74.9	74.9	75.4	75.5	75.6	75.6
IV 5000	74.5	76.6	78.5	79.7	79.7	80.5	80.7	80.7	81.3	81.3	81.3	81.7	81.8	81.9	81.9
IV 4500	75.3	77.4	79.3	80.6	80.6	81.4	81.6	81.6	82.2	82.2	82.2	82.6	82.7	82.8	82.8
IV 4000	77.1	79.3	81.5	82.6	82.9	84.1	84.3	84.3	84.8	84.8	84.8	85.3	85.4	85.5	85.5
IV 3500	77.4	79.5	81.7	83.1	83.2	84.3	84.5	84.5	85.1	85.1	85.1	85.5	85.6	85.7	85.7
IV 3000	77.5	79.6	81.8	83.3	83.4	84.5	84.7	84.8	85.4	85.4	85.4	85.8	86.0	86.1	86.1
IV 2500	77.9	80.3	82.5	83.9	84.2	85.4	85.6	85.7	86.3	86.3	86.3	86.7	86.8	87.0	87.0
IV 2000	78.2	81.0	83.5	84.9	85.2	86.4	86.6	86.7	87.3	87.3	87.3	87.7	87.8	88.0	88.0
IV 1800	78.7	81.5	83.9	85.4	85.6	86.8	87.1	87.2	87.7	87.7	87.7	88.2	88.3	88.4	88.4
IV 1500	79.0	81.8	84.3	85.8	86.1	87.5	87.7	87.8	88.4	88.4	88.4	89.0	89.1	89.2	89.2
IV 1200	79.3	82.1	84.5	86.2	86.4	88.3	88.5	88.6	89.2	89.2	89.2	89.7	89.9	90.2	90.2
IV 1000	79.3	82.2	84.9	86.6	87.1	89.2	89.5	89.6	90.4	90.9	90.9	91.4	91.5	91.9	91.9
IV 900	79.5	82.7	85.7	87.4	87.8	90.0	90.3	90.4	91.2	91.6	91.6	92.2	92.3	92.6	92.6
IV 800	79.5	83.1	86.4	88.1	88.5	90.7	91.1	91.2	92.1	92.5	92.5	93.1	93.2	93.5	93.5
IV 700	79.5	83.1	86.4	88.2	88.6	90.9	91.3	91.4	92.3	92.8	92.8	93.3	93.4	93.8	93.8
IV 600	79.5	83.1	86.4	88.2	88.6	91.1	91.6	91.8	92.6	93.1	93.1	93.6	93.8	94.1	94.1
IV 500	79.5	83.1	86.6	88.5	89.0	91.4	92.6	92.8	93.6	94.2	94.2	94.8	94.9	95.2	95.2
IV 400	79.5	83.1	86.8	88.7	89.2	91.8	93.0	93.1	94.1	95.2	95.2	96.0	96.2	96.5	96.5
IV 300	79.6	83.3	87.1	89.4	89.9	92.4	93.6	93.8	95.1	96.5	96.7	97.4	97.7	98.1	98.1
IV 200	79.6	83.3	87.1	89.4	89.9	92.6	93.9	94.1	95.7	97.2	97.6	98.2	98.4	98.9	99.2
IV 100	79.6	83.3	87.1	89.4	89.9	92.6	93.9	94.1	95.7	97.2	97.4	98.2	98.4	99.0	99.3
IV 0	79.6	83.3	87.1	89.4	89.9	92.6	93.9	94.1	95.7	97.2	97.4	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-70
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	26.8	4.6	5.1	4.4	3.6	2.1	2.7	3.7	4.5	2.3	40.3	5.5	7185
FEB		23.7	3.6	4.2	4.5	2.7	1.8	2.6	3.8	4.6	2.2	46.4	6.1	6544
MAR		24.8	3.8	4.6	4.7	4.3	2.6	3.2	4.8	5.0	2.8	39.5	5.7	7177
APR		22.9	4.0	4.6	4.9	4.1	3.3	3.7	4.9	5.7	3.3	38.6	5.8	6583
MAY		20.5	4.5	5.9	6.0	4.7	3.0	3.8	5.2	6.2	3.8	36.5	5.7	6933
JUN		19.7	5.1	6.3	6.9	6.3	3.6	4.3	6.5	8.7	3.8	28.9	5.5	6921
JUL		17.7	4.5	6.6	7.6	6.0	4.8	4.6	7.0	8.2	4.9	28.2	5.6	7172
AUG		20.8	4.3	5.9	6.9	6.2	4.4	4.0	7.6	9.9	4.2	25.8	5.4	7180
SEP		26.8	5.1	6.0	6.3	5.0	3.5	3.7	5.5	6.1	3.8	28.4	5.0	6466
OCT		39.2	6.0	5.4	5.0	3.5	2.6	2.9	4.4	4.8	3.0	23.3	4.0	6462
NOV		26.0	5.1	5.7	5.0	4.2	2.8	4.0	4.6	5.1	3.5	34.2	5.3	6615
DEC		26.0	3.9	4.8	4.3	3.6	2.3	2.8	3.8	5.0	3.1	40.5	5.7	7165
TOTALS		24.6	4.5	5.4	5.5	4.5	3.1	3.5	5.2	6.2	3.4	34.2	5.4	82703

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

92733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	36.8	3.2	3.8	4.9	2.3	2.2	1.7	2.8	2.2	1.2	38.9	4.9	650
	03-05	33.5	2.9	5.5	3.2	2.3	2.0	2.2	2.8	4.5	1.5	39.6	5.2	651
	06-08	26.7	5.2	4.8	3.5	3.3	1.5	2.7	4.9	5.5	2.6	39.4	5.6	1003
	09-11	21.1	6.2	6.1	4.0	3.6	2.2	3.0	3.2	4.8	3.2	42.6	5.9	1022
	12-14	18.5	5.2	6.0	5.7	4.4	2.1	2.2	5.0	5.9	3.4	41.7	6.0	1022
	15-17	18.2	6.1	4.5	6.3	4.2	2.4	2.6	4.5	5.6	3.3	42.2	6.1	1021
	18-20	26.3	5.5	5.5	4.0	4.6	2.2	3.4	3.6	3.7	2.0	39.1	5.4	908
	21-23	33.4	2.2	4.7	3.6	4.4	2.0	3.4	3.1	3.4	.9	38.9	5.2	908
TOTALS		26.8	4.6	5.1	4.4	3.6	2.1	2.7	3.7	4.5	2.3	40.3	5.5	7185

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

~~92723~~
STATION

~~FORT MEADE MARYLAND/TIPTON AAF~~

~~60-70~~

PERIOD

~~FEB~~
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	31.3	2.7	3.5	3.0	2.4	1.2	1.5	1.5	3.7	1.9	47.3	5.7	594
	03-05	24.3	2.5	4.9	5.4	1.2	.5	2.0	2.9	2.0	1.7	48.7	5.9	594
	06-08	23.0	4.0	3.5	3.8	3.4	1.7	2.2	4.7	5.5	2.2	46.0	6.1	915
	09-11	18.6	3.4	3.6	4.9	3.2	2.8	3.4	5.5	6.0	2.9	45.6	6.4	933
	12-14	14.8	4.8	5.5	5.8	3.0	3.1	2.6	5.4	6.7	4.1	44.3	6.5	932
	15-17	17.0	3.9	3.9	3.0	3.8	3.0	3.6	4.6	6.1	2.8	46.3	6.5	933
	18-20	24.2	4.9	4.5	4.8	2.7	1.8	2.9	2.9	2.9	1.3	46.9	5.9	821
	21-23	32.0	2.4	4.0	3.2	2.1	.5	2.3	2.8	3.5	1.0	46.2	5.6	822
TOTALS		23.7	3.6	4.2	4.8	2.7	1.8	2.6	3.8	4.6	2.2	46.4	6.1	6544

USAF ETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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APR
MONTH

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2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	34.4	2.5	5.2	4.8	3.6	1.8	3.2	4.7	3.2	2.5	34.1	4.9	558
	03-05	28.5	3.5	6.1	4.9	5.9	1.7	2.7	4.6	3.8	1.7	36.6	5.2	692
	06-08	20.2	6.3	4.6	4.6	3.5	2.8	3.5	4.8	4.7	4.3	40.5	5.9	1019
	09-11	15.9	4.8	5.6	6.8	6.0	3.2	3.3	6.0	7.0	4.0	37.5	6.0	1021
	12-14	10.6	3.9	6.6	7.1	5.7	5.2	4.0	7.5	9.5	5.6	34.4	6.3	1021
	15-17	12.1	4.5	6.0	8.4	6.5	4.4	5.3	4.8	7.7	5.0	35.1	6.1	973
	18-20	15.8	6.2	6.8	5.5	4.8	3.1	3.3	4.9	8.7	4.0	37.0	6.0	878
	21-23	26.7	4.0	6.1	5.8	1.9	1.4	4.8	4.3	5.2	2.9	36.8	5.4	771
TOTALS		20.5	4.5	5.9	6.0	4.7	3.0	3.6	5.2	6.2	3.8	36.5	5.7	6923

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF

60-70

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	37.9	3.3	7.3	6.7	3.9	2.1	3.1	3.7	5.0	1.8	25.1	4.2	614
	03-05	28.9	4.3	5.5	6.8	6.1	2.4	3.5	5.8	6.4	2.5	27.9	4.9	723
	06-08	19.2	6.2	6.2	4.9	4.9	2.3	4.1	6.5	8.9	4.7	32.3	5.7	989
	09-11	15.2	4.6	7.4	6.4	5.9	4.7	3.2	6.3	11.0	5.4	30.1	5.9	989
	12-14	6.3	4.6	5.2	7.4	10.0	6.9	5.3	9.1	11.5	5.6	28.2	6.3	988
	15-17	6.3	6.0	5.4	8.5	8.3	6.2	5.6	8.1	11.4	4.8	29.4	6.3	952
	18-20	16.1	6.2	7.5	6.7	5.4	1.9	4.1	7.5	9.5	4.1	31.1	5.7	878
	21-23	28.0	5.6	5.5	7.9	5.7	2.0	5.7	4.9	6.1	1.6	26.9	4.7	788
TOTALS		19.7	5.1	6.3	6.9	6.3	3.6	4.3	6.5	8.7	3.8	28.9	5.5	6921

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	33.7	3.7	9.4	8.0	4.6	4.3	6.2	4.8	4.6	1.5	19.2	4.0	650
	03-05	26.7	3.5	6.6	7.4	5.1	4.7	4.8	5.6	6.0	2.4	27.2	4.9	746
	06-08	18.2	4.1	5.8	5.2	4.1	2.7	3.7	6.6	7.7	6.6	35.0	6.0	1023
	09-11	14.4	4.9	6.5	6.6	5.5	5.3	4.4	7.0	7.5	7.1	30.8	5.9	1023
	12-14	4.8	4.0	4.1	8.1	11.1	7.2	4.2	9.2	13.9	5.4	27.9	6.5	1021
	15-17	6.4	4.8	6.9	10.5	7.2	6.4	4.9	8.9	10.9	5.7	27.2	6.1	980
	18-20	13.9	6.3	7.2	6.5	4.4	4.2	4.5	5.8	9.3	6.3	30.6	5.9	906
	21-23	23.5	4.5	6.6	8.5	5.7	3.4	3.9	6.7	5.6	3.9	27.8	5.1	823
TOTALS		17.7	4.5	6.6	7.6	6.0	4.8	4.6	7.0	8.2	4.9	28.2	5.6	7172

2

2

AUG
MONTH

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5

1

2
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-69
PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	40.0	3.5	4.6	5.5	3.0	1.3	1.3	4.3	3.6	1.9	31.1	4.4	633
	03-05	40.2	2.7	3.1	4.7	3.0	2.1	3.3	3.1	3.3	1.6	32.9	4.6	702
	06-08	26.2	7.1	5.0	6.2	2.8	3.1	3.5	5.6	5.8	4.8	30.0	5.1	898
	09-11	22.2	6.7	7.3	5.5	4.6	2.8	4.8	6.5	6.6	4.0	29.2	5.2	898
	12-14	12.7	3.9	6.4	7.7	9.2	8.0	3.7	7.4	7.2	6.0	27.8	5.8	900
	15-17	13.4	6.0	7.6	7.5	7.5	5.7	4.9	6.4	7.6	6.1	27.4	5.7	872
	18-20	23.9	6.9	7.9	6.9	5.2	2.1	4.1	6.9	8.3	3.8	24.0	4.9	811
	21-23	35.9	3.9	6.0	6.3	4.8	2.5	3.9	4.1	6.3	2.0	24.5	4.3	752
TOTALS		26.8	5.1	6.0	6.3	5.0	3.5	3.7	5.5	6.1	3.8	28.4	5.0	6466

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69

PERIOD

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	37.7	3.6	4.1	5.1	3.9	2.7	3.7	3.0	3.0	1.5	32.3	4.6	591
	03-05	37.9	2.0	6.6	5.4	4.6	2.4	3.7	3.2	2.7	1.9	29.6	4.4	591
	06-08	23.7	5.8	7.0	4.9	4.9	2.1	4.9	5.4	4.4	3.8	33.2	5.3	925
	09-11	17.7	6.0	6.2	6.1	4.2	3.5	4.7	5.2	4.1	5.4	36.4	5.8	953
	12-14	12.3	5.4	6.8	6.1	4.8	4.8	4.3	5.6	6.9	6.1	36.9	6.2	953
	15-17	14.7	6.4	6.0	5.2	4.4	3.1	4.6	6.0	9.4	4.9	35.2	6.1	953
	18-20	29.3	6.4	4.6	4.2	3.2	1.3	3.4	4.2	6.2	1.5	35.6	5.2	825
	21-23	34.6	5.2	3.9	2.9	3.3	2.1	3.5	4.0	3.8	2.7	34.1	4.9	824
TOTALS		26.2	5.1	5.7	5.0	4.2	2.8	4.0	4.6	5.1	3.5	34.2	5.3	6615

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69

PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	35.7	2.9	4.3	4.6	2.2	2.3	2.0	2.6	5.2	1.8	36.3	5.0	650
	03-05	35.0	2.5	4.5	4.1	2.6	1.2	2.9	1.5	3.4	2.2	39.3	5.1	651
	06-08	24.0	5.1	4.1	4.8	3.9	2.2	2.4	4.1	6.1	4.2	39.1	5.8	1000
	09-11	18.3	4.5	5.8	3.4	3.4	2.2	3.1	4.5	6.0	4.8	44.1	6.3	1023
	12-14	16.1	5.3	4.6	2.8	4.0	3.8	3.2	5.7	5.7	5.1	43.6	6.4	1022
	15-17	17.4	4.3	5.0	5.9	5.4	2.6	3.2	5.3	5.6	3.7	41.5	6.2	1021
	18-20	28.8	4.0	4.2	4.3	4.0	2.0	2.8	2.8	4.1	1.6	41.4	5.5	900
	21-23	31.5	2.8	5.7	4.1	3.5	2.3	3.1	3.5	3.7	1.3	38.5	5.2	898
TOTALS		26.0	3.9	4.8	4.3	3.6	2.3	2.8	3.8	5.0	3.1	40.5	5.7	7163

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93733 STATION FORT MEADE MARYLAND/TIPTON AAF STATION NAME 59-66

WHOLE DEGREES FAHRENHEIT

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-66

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

59-66

YEARS

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR														
59													15	-3
60		-17	12	11	27	38	50	56	52	46	27	21	(-3)	-3
61		-11	-2	17	29	35	46	53	53	38	29	22	9	-11
62		5	0	10	25	(32)	53	50	51	35	27	22	7	0
63		-7	7	21	28	34	48	51	49	(36)	31	23	2	-7
64		-9	12	17	21	41	(41)	53	(44)	39	24	(14)	11	-9
65		-6	-1	10	(18)	39	44	(49)	45	40	(20)	17	14	-6
66		1	-3	17				49	52	42				
MEAN		-1.4	3.6	13.2	24.7	36.5	46.7	51.6	49.4	39.1	26.3	19.8	7.9	-6.0
S D		9.897	6.604	6.750	4.320	3.391	4.274	2.572	3.599	4.100	3.881	3.545	6.491	4.000
TOTAL OBS		217	198	217	180	186	180	217	217	210	186	180	217	2400

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION

FORT MEADE MARYLAND/TIPTON AAF

59-66

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/MAC

STATION 93733 FORT MEADE MARYLAND/TIPTON AAF

59-66

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95						2.0	4.6	5.5	5.5				5.5
90				2.0	4.3	13.1	21.2	16.1	9.5				5.8
85				7.1	13.4	41.0	57.1	49.8	23.9	3.3			16.4
80			9.9	11.7	26.3	64.9	82.9	76.0	40.5	7.5	5.5		26.5
75			5.5	17.9	48.9	83.9	94.9	92.2	57.1	23.1	1.5		35.8
70		5.5	10.6	25.5	65.6	92.2	99.1	100.0	77.1	45.7	6.6	5.5	43.8
65		3.0	15.7	37.0	84.4	97.6	100.0		91.0	61.8	13.7	3.2	50.7
60	1.4	7.1	23.5	55.6	94.1	99.5			97.6	79.6	36.0	5.1	57.9
55	7.8	12.1	38.2	69.9	97.8	100.0			100.0	89.2	55.8	16.1	65.1
50	21.2	23.2	50.7	87.8	99.5					97.8	72.6	26.7	72.7
45	33.2	34.2	69.1	96.4	100.0					99.5	89.3	42.4	79.9
40	53.0	59.1	84.3	100.0						100.0	97.5	59.0	87.4
35	73.7	78.3	93.5								99.0	76.5	93.2
30	83.9	92.9	98.2								100.0	88.9	96.9
25	91.7	99.0	100.0									95.9	98.8
20	97.2	99.5										99.1	99.6
15	100.0	100.0										100.0	100.0
MEAN	40.0	42.4	51.5	62.4	73.6	81.8	85.0	83.7	76.8	67.3	53.9	42.7	63.6
S D	12.339	12.190	12.265	12.296	9.291	7.629	5.999	5.709	9.193	8.979	9.091	10.701	18.930
TOTAL OBS	217	198	217	196	186	203	217	217	210	186	197	217	2463

USAF ETAC FORM 021-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

100

100

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/MAC

93733

STATION

FORT MEADE MARYLAND/TIPTON AAF

STATION NAME

24-66

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						3.9	12.4	12.0	1.9				.1
70					2.2	23.9	20.2	43.8	18.1		.5		2.6
65				1.5	13.4	48.3	75.6	68.2	37.1	1.6	1.0		12.0
60			.9	6.1	36.6	74.6	92.6	83.4	52.4	4.8	2.5		21.2
55			.9	16.3	59.7	91.7	99.1	97.2	76.2	19.9	5.6	.5	30.0
50		.5	1.0	6.0	27.0	80.1	98.5	100.0	99.5	38.2	11.7	1.8	39.3
45	2.8	3.0	16.1	50.0	92.5	100.0		100.0	96.7	26.5	23.4	6.8	46.3
40	10.6	14.1	28.6	68.4	98.4				99.5	77.4	39.6	14.3	53.8
35	13.4	20.7	32.2	77.6	99.5				100.0	84.4	43.2	18.0	62.2
30	24.0	31.8	53.9	89.3	100.0					92.5	65.3	24.9	66.0
25	37.8	54.5	76.5	97.4						98.9	89.3	47.0	73.0
20	52.9	71.2	88.0	99.0						100.0	98.5	68.2	83.0
15	78.8	84.3	95.9	100.0							97.5	82.0	90.1
10	85.3	94.9	99.1								100.0	92.6	94.9
5	92.9	97.0	99.5									98.2	97.6
0	92.4	98.5	100.0									99.2	98.9
-5	97.2	100.0										100.0	99.4
-10	99.5												99.8
-15	100.0												100.0
MEAN	21.2	24.5	30.5	39.8	50.9	59.0	63.4	62.2	55.5	41.5	23.9	33.7	42.2
S D	10.977	9.478	8.961	8.937	7.643	6.511	5.481	6.415	8.575	8.403	8.478	9.959	17.415
TOTAL OBS	217	198	217	196	186	203	217	217	210	186	197	217	2463

USAF ETAC FORM 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
JSAF ETAC

AIR WEATHER SERVICE/MAC

93733 FORT MEADE MARYLAND/TIPTON AAF

59-66

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85							7.8	17.5	10.5	4.3			3.0
80							26.8	50.2	46.3	19.5			13.0
75				1.5	5.4	32.8	83.4	73.7	34.8				23.9
70				6.1	19.9	52.5	93.4	73.7	34.8	1.3	1.0		23.9
65			.9	13.8	39.8	83.9	98.2	94.0	59.5	8.1	1.5		33.9
60			4.6	20.4	66.1	97.1	100.0	99.1	78.6	30.6	3.0	.5	41.9
55	.5	1.5	11.5	32.1	84.4	100.0		100.0	94.8	53.2	11.7	1.4	49.2
50	.9	4.5	18.0	49.0	97.3				99.0	73.1	23.4	3.2	52.5
45	6.0	12.1	31.3	73.5	100.0				100.0	92.8	52.8	12.9	64.5
40	17.9	25.8	54.8	94.9						97.8	72.0	23.8	73.3
35	39.2	44.4	77.4	98.5						100.0	93.4	43.8	82.6
30	58.5	68.7	89.9	100.0							98.8	66.8	89.9
25	79.7	85.9	93.4								100.0	79.7	94.9
20	84.3	93.9	99.5									93.1	97.5
15	92.2	98.5	100.0									97.7	99.0
10	97.2	99.5										100.0	99.7
5	100.0	100.0											100.0
MEAN	38.2	33.7	41.2	51.4	62.5	70.7	74.4	73.2	66.4	54.7	43.1	33.4	53.1
S D	9.789	8.960	9.639	9.635	7.348	6.031	4.860	5.312	7.931	7.419	7.854	9.476	17.703
TOTAL OBS	217	198	217	196	186	205	217	217	210	186	197	217	2463

USAF ETAC FORM 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-70

YEARS

ALL
MONTH

PAGE 1

ALL

HOURS (L, S, T, I)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97												.0	.0	.0				6	6					
96/ 95										.0	.0	.0	.0	.0	.0			48	48					
94/ 93							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		160	160					
92/ 91					.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0		320	320					
90/ 89				.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0	.0			649	649					
88/ 87				.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0			915	915					
86/ 85			.0	.0	.1	.2	.3	.2	.2	.2	.1	.1	.0	.0	.0			1147	1147					
84/ 83			.0	.1	.2	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0		1483	1483	5				
82/ 81		.0	.0	.1	.3	.3	.3	.3	.3	.2	.1	.1	.0	.0				1705	1705	32				
80/ 79		.0	.1	.3	.4	.4	.4	.3	.3	.2	.1	.0	.0	.0				2118	2118	141				
78/ 77	.0	.1	.2	.4	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0				2061	2062	524				
76/ 75	.0	.2	.4	.4	.4	.4	.3	.3	.2	.2	.1	.0	.0	.0				2378	2380	1214				
74/ 73	.0	.4	.6	.5	.5	.3	.3	.3	.2	.1	.1	.0						2753	2754	1885				
72/ 71	.1	.8	.6	.5	.4	.4	.3	.3	.2	.1	.0	.0	.0					3070	3072	2615				
70/ 69	.1	.9	.7	.6	.4	.4	.3	.2	.2	.1	.0	.0						3214	3214	3382				
68/ 67	.2	.8	.7	.4	.4	.3	.2	.2	.1	.1	.0							2838	2840	3547				
66/ 65	.1	.9	.4	.5	.4	.3	.3	.2	.2	.0	.0							3250	3252	3512				
64/ 63	.1	.8	.6	.4	.3	.2	.2	.2	.1	.1	.0							2598	2599	3503				
62/ 61	.1	1.0	.5	.4	.3	.3	.2	.2	.1	.0								2641	2643	3488				
60/ 59	.1	.9	.5	.5	.3	.3	.3	.2	.1	.0								2685	2689	3396				
58/ 57	.1	.9	.5	.4	.3	.4	.3	.2	.1									2619	2624	3101				
56/ 55	.1	1.0	.5	.4	.4	.4	.3	.1	.0									2566	2567	2918				
54/ 53	.1	.9	.5	.4	.4	.4	.3	.1	.0									2548	2548	2815				
52/ 51	.1	.8	.5	.4	.4	.4	.3	.1	.0									2388	2388	2642				
50/ 49	.2	.8	.6	.4	.5	.4	.2	.0										2506	2506	2635				
48/ 47	.1	.8	.5	.5	.5	.4	.1	.0										2336	2337	2720				
46/ 45	.1	1.0	.5	.6	.5	.4	.1	.0										2611	2611	2752				
44/ 43	.2	1.0	.6	.6	.5	.3	.1											2638	2638	2784				
42/ 41	.2	.9	.6	.6	.6	.2	.0											2508	2508	2929				
40/ 39	.2	1.1	.8	.9	.6	.1	.0		</															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YFAPS

ALL
MONTH

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

JSAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70

STATION

STATION NAME

YEARS

JAN

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
72/ 71							.1	.1										11													11				
70/ 69							.1											5													5				
68/ 67							.0	.0										4													4				
66/ 65							.0											3													3				
64/ 63		.0					.0											3													3				
62/ 61		.0				.1	.0											11													11		1		
60/ 59		.0		.2	.2	.0	.0											33													33	10	2		
58/ 57		.1	.1	.3	.1	.1	.1											54													54	15	2		
56/ 55		.0	.1	.2	.1	.1	.1	.0										41													41	9	7		
54/ 53		.1	.1	.1	.2	.1	.1	.1										67													67	41	1		
52/ 51		.1	.1	.2	.2	.3	.3	.2										92													92	57	12		
50/ 49	.1	.3	.3	.3	.2	.3	.3	.0										130													130	40	45		
48/ 47	.1	.5	.2	.3	.5	.4	.1											147													147	71	71		
46/ 45	.1	.7	.3	.4	.6	.6	.1											194													194	114	67		
44/ 43	.1	1.5	.6	.8	1.0	.4	.0											311													311	139	84		
42/ 41	.5	1.4	.9	1.1	1.1	.2	.0											374													374	244	137		
40/ 39	.1	1.6	1.4	1.5	1.3	.1												424													424	270	158		
38/ 37	.3	2.1	1.3	1.6	1.3	.0												472													472	363	127		
36/ 35	.6	2.0	1.9	1.8	.9													515													515	520	235		
34/ 33	.2	2.6	2.0	1.8	.6													513													513	482	260		
32/ 31	.2	2.8	2.5	1.6	.1													518													518	573	298		
30/ 29	.2	2.7	1.8	2.0	.1													485													485	601	353		
28/ 27	.1	2.2	2.2	1.3	.0													424													424	563	363		
26/ 25	.2	2.1	2.8	.6	.0													406													406	453	360		
24/ 23	.2	1.7	2.7	.2														345													345	456	450		
22/ 21	.5	2.2	1.7	.2														330													330	460	403		
20/ 19	.7	2.2	1.2	.1	.0													304													304	435	412		
18/ 17	.3	1.5	.8	.0														189													189	295	434		
16/ 15	.5	1.5	.7															193													193	214	402		
14/ 13	.4	1.3	.6															161													161	191	368		
12/ 11	.3	.8	.3															109													109	161	390		
10/ 9	.4	.8	.1															89													89	123	370		
8/ 7	.3	.7	.0															75													75	91	303		
6/ 5	.2	.4	.0															44													44	64	252		
Element (X)	Σ x ²					Σ x					Σ					Σ _n					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F									
Dry Bulb																										≤ 32 F									
Wet Bulb																										≤ 67 F									
Dew Point																										≤ 73 F									
																										≤ 80 F									
																										≤ 93 F									
																										Total									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

JAN

MONTH

PAGE 2

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ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

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ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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A 2 1

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAR
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ALL

HOURS (L. S. T.)

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91											.0	.0		.1	.0						10	10		
90/ 89											.0	.0	.1	.0	.0						12	12		
88/ 87										.0	.0	.1	.0	.1							17	17		
86/ 85										.1	.1	.2	.2	.1							38	38		
84/ 83								.0	.0	.2	.1	.2	.1	.1							49	49		
82/ 81						.0		.1	.2	.1	.1	.2	.1	.0							54	54		
80/ 79						.1	.1	.1	.2	.2	.1	.1	.1								57	57		
78/ 77						.1	.1	.2	.2	.1	.1	.1	.1								73	73		
76/ 75				.0	.0	.1	.1	.2	.2	.2	.2	.2	.0								99	99		
74/ 73				.0	.1	.1	.2	.2	.2	.2	.3	.0									94	94		
72/ 71			.0	.1	.3	.3	.1	.3	.3	.2	.2	.0									133	133		
70/ 69			.1	.1	.3	.3	.3	.3	.5	.3	.1	.0									158	158	14	
68/ 67		.1	.1	.3	.3	.3	.3	.2	.3	.4	.3	.1									155	155	38	2
66/ 65	.0	.2	.4	.3	.6	.6	.3	.3	.5	.3	.2										253	253	99	9
64/ 63	.1	.3	.4	.4	.9	.4	.2	.9	.4	.4											244	244	151	42
62/ 61	.2	.5	.3	.6	.5	.5	.6	.7	.6	.2											317	317	223	75
60/ 59	.1	.7	.9	.4	.3	.6	.9	.6	.5	.1											331	331	232	96
58/ 57	.1	1.0	.7	.4	.9	.9	.7	.7	.2												385	386	261	145
56/ 55	.1	1.0	.8	.6	1.0	1.1	1.0	.5	.1												426	427	336	204
54/ 53	.1	.9	.8	.7	.8	1.3	1.1	.3	.1												419	419	322	219
52/ 51	.1	1.0	1.0	.9	1.1	1.4	.8	.4													463	463	321	231
50/ 49	.2	1.4	1.7	1.3	1.3	1.1	.5	.1													531	531	443	261
48/ 47	.2	1.4	1.2	1.0	1.5	1.0	.3														437	437	570	280
46/ 45	.2	1.9	1.2	1.5	1.2	.4	.2														452	452	620	365
44/ 43	.2	1.7	1.2	1.1	1.0	.4	.0														386	386	627	371
42/ 41	.3	1.8	.9	.8	.6	.2															330	330	615	393
40/ 39	.3	1.8	1.1	.9	.5	.1															318	318	577	470
38/ 37	.1	1.0	.7	.6	.1																176	176	425	446
36/ 35	.1	.8	.7	.3	.0																134	134	307	481
34/ 33	.1	.9	.6	.2	.0																117	117	235	438
32/ 31	.0	.6	.4	.1																	82	82	172	410
30/ 29	.1	.6	.2	.0																	60	60	115	376
28/ 27		.4	.0																		28	28	74	341
26/ 25	.0	.2	.0																		14	14	46	345
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

APR
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				Dry Bulb	Wet Bulb	Dew Point	
96/ 95																					2	2		
94/ 93										.0	.0	.0	.1	.0							9	9		
92/ 91									.0	.0	.0	.1	.1								18	18		
90/ 89									.0	.0	.3	.3	.0	.0							46	46		
88/ 87								.1	.1	.3	.2	.1	.1	.1							61	61		
86/ 85							.0	.0	.2	.3	.2	.1	.0	.0							66	66		
84/ 83					.0	.0	.1	.1	.3	.3	.3	.1	.0	.0	.0						99	99		
82/ 81					.1	.1	.2	.3	.3	.4	.3	.1	.1								132	132		
80/ 79					.2	.5	.4	.6	.4	.5	.5	.2	.0	.0							206	206		
78/ 77				.0	.1	.4	.4	.5	.4	.5	.3	.1	.0	.0							197	197		
76/ 75			.0	.2	.3	.4	.5	.6	.8	.5	.2	.1	.1								264	264	3	
74/ 73		.0	.1	.4	.4	.4	.6	.7	.6	.3	.2	.0									261	261	21	
72/ 71		.1	.4	.4	.5	.6	.9	.6	.7	.3	.1	.0	.0								335	335	55	
70/ 69	.1	.3	.5	.6	.8	.9	1.0	.7	.6	.3	.1										410	410	181	
68/ 67	.1	.5	.6	.4	.9	.8	.6	.8	.5	.2											373	373	298	
66/ 65	.1	1.0	.8	.9	1.4	.9	1.1	.9	.5	.1	.0										544	544	303	
64/ 63	.3	1.7	.8	.8	.8	.8	.7	.6	.2	.1											485	485	431	
62/ 61	.3	1.6	.9	.8	.9	1.0	.8	.6	.2	.0											499	499	555	
60/ 59	.5	1.6	1.1	1.2	1.1	.7	.6	.4	.2	.1											511	511	615	
58/ 57	.3	1.2	1.5	1.2	1.0	.8	.5	.2	.1												469	469	653	
56/ 55	.1	1.6	1.6	.9	.8	.7	.3	.1													430	430	562	
54/ 53	.2	1.1	1.2	.9	.7	.3	.2	.1													333	333	643	
52/ 51	.1	1.3	1.2	.8	.4	.3	.1	.0													296	296	575	
50/ 49	.1	1.1	1.5	.5	.3	.2	.0	.0													268	268	496	
48/ 47	.2	1.1	.7	.6	.1	.0	.0	.0													189	189	503	
46/ 45	.0	1.1	.7	.4	.1	.1															165	165	342	
44/ 43	.1	.5	.4	.2	.1	.0															90	90	249	
42/ 41	.0	.3	.3	.2	.1	.0															69	69	167	
40/ 39	.1	.4	.2	.2	.0	.0															63	63	120	
38/ 37	.1	.1	.1	.0		.0															21	21	67	
36/ 35		.2	.0																		16	16	48	
34/ 33		.1	.1	.0																	12	12	36	
32/ 31		.0	.0																		4	4	11	
30/ 29		.0																			2	2	8	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

MAY

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																		1	1					
96/ 95									.0	.0	.0	.0	.0	.0				11	11					
94/ 93								.0	.1	.1	.1	.1	.2	.0				39	39					
92/ 91						.0	.0	.0	.2	.3	.3	.1	.0					66	66					
90/ 89					.0	.1	.1	.3	.6	.3	.3	.2	.1					136	136					
88/ 87					.0	.1	.4	.3	.8	.6	.4	.1						201	201					
86/ 85				.0	.1	.4	1.1	.9	.6	.5	.2	.1						270	270					
84/ 83			.0	.1	.4	1.0	1.0	.8	.6	.6	.3	.0	.1					327	327					
82/ 81				.2	.6	.9	1.1	.8	.6	.3	.1	.1						332	332		1			
80/ 79			.1	.5	1.0	1.2	.9	.6	.7	.4	.4	.1						398	398		21			
78/ 77		.0	.2	.9	1.2	1.0	.7	.6	.7	.6	.2	.0						431	431		45	6		
76/ 75		.2	1.0	.9	1.1	.9	.7	.6	.7	.4	.2	.0						459	459		197	17		
74/ 73		.4	1.5	1.3	1.0	.8	.9	.9	.4	.2	.0							488	488		408	79		
72/ 71	.1	1.4	1.8	1.1	.9	.9	.7	.5	.3	.1								531	531		555	194		
70/ 69	.0	2.7	2.2	1.3	.9	.7	.4	.2	.3	.0								605	605		750	451		
68/ 67	.2	2.1	1.9	1.0	.9	.5	.3	.2	.1									500	501		800	671		
66/ 65	.2	2.4	1.8	.9	.8	.5	.2	.1	.0									477	478		654	730		
64/ 63	.1	1.9	1.3	.7	.5	.4	.2	.1										350	351		708	617		
62/ 61	.1	2.5	1.0	.6	.4	.3	.1											342	343		651	620		
60/ 59	.1	2.0	.9	.5	.4	.1	.1											278	280		600	625		
58/ 57	.1	1.7	.9	.4	.2	.0												206	209		482	556		
56/ 55	.1	1.5	.6	.1	.1													165	165		352	518		
54/ 53	.1	1.1	.3	.1	.0													111	111		263	409		
52/ 51	.0	.8	.3	.0														83	83		191	377		
50/ 49	.0	.6	.2	.0														58	58		112	314		
48/ 47	.0	.2	.1															28	28		67	269		
46/ 45		.2	.0															18	18		42	165		
44/ 43		.1																6	6		13	117		
42/ 41		.0	.0															4	4		6	89		
40/ 39		.0																1	1		3	56		
38/ 37																					1	28		
36/ 35																						11		
34/ 33																						1		
32/ 31																						2		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATO

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

JUN
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97												.0	.0						5	5				
96/ 95										.1	.1	.0	.1	.0					24	24				
94/ 93								.0	.3	.3	.2	.1	.0						70	70				
92/ 91						.0	.1	.3	.5	.3	.3	.1	.0						111	111				
90/ 89						.1	.4	1.0	.7	.7	.2	.1							213	213				
88/ 87				.0	.1	.2	.8	1.1	.6	.7	.3	.2	.0						284	284				
85/ 85			.0	.1	.2	.8	1.2	.9	.9	.4	.3	.2	.1	.0					367	367				
84/ 83			.0	.2	.6	1.4	.9	1.1	.8	.5	.4	.2	.0		.0				427	427				
82/ 81		.0	.1	.5	1.1	1.6	1.0	1.0	.7	.7	.3	.1	.0						524	524	6			
80/ 79		.0	.3	1.0	1.5	1.4	1.3	.9	.7	.5	.1	.1	.0						571	571	44	5		
78/ 77	.1	.2	.8	1.3	1.1	1.2	.8	.7	.4	.2	.1								503	503	181	41		
76/ 75	.2	.4	1.4	1.7	1.4	.9	.8	.4	.3	.1	.0								542	542	457	61		
74/ 73	.2	1.4	2.2	2.1	1.2	.7	.4	.3	.1	.1									635	635	648	200		
72/ 71	.4	3.1	2.6	1.6	.9	.6	.2	.1	.1	.1									654	694	861	545		
70/ 69	.3	2.7	2.1	1.4	.7	.4	.2	.1	.0										576	576	1057	825		
68/ 67	.2	2.6	2.0	.8	.4	.2	.1	.0											446	447	935	914		
66/ 65	.2	2.7	1.8	.8	.3	.2	.1	.0											445	446	879	875		
64/ 63	.2	1.4	.8	.5	.2	.1	.1	.0											235	235	730	784		
62/ 61	.2	1.1	.8	.2	.1	.0	.0												179	179	504	708		
60/ 59	.1	1.1	.5	.3	.0	.0													149	149	325	556		
58/ 57	.1	.6	.2	.0	.1														74	74	244	457		
56/ 55		.4	.1	.0															40	40	142	364		
54/ 53		.3	.2	.0															32	32	81	264		
52/ 51		.2	.1																23	23	37	209		
50/ 49		.1																	8	8	37	138		
48/ 47																					9	80		
46/ 45																						56		
44/ 43																						49		
42/ 41																						24		
40/ 39																						16		
38/ 37																						6		
TOTAL	2.1	18.4	16.3	12.6	10.0	10.0	8.5	7.9	6.2	4.2	2.4	1.1	.4	.0					7177	7179		7177		
																			7177		7177			
Element (X)	Σx ²		Σx		Σ		Σ ²		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	37023420		497984		69.4		18.554		7177		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	40954901		535739		75.0		8.560		7179				621.1	443.1	243.8	10.3	744							
Wet Bulb	32737889		462997		67.3		5.701		7177				434.3	138.5	2.9		744							
Dew Point	28939242		453082		63.1		6.846		7177				268.6	31.8	.2		744							

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
96/ 95									.0	.1			.0					10	10	
94/ 93							.0	.0	.1	.1		.0						32	32	
92/ 91					.0	.1	.2	.2	.3	.0	.2	.1	.1	.0				79	79	
90/ 89				.0	.0	.3	.4	.5	.5	.3	.2	.2	.0	.0				180	180	
88/ 87				.0	.1	.5	.7	.6	.6	.5	.3	.1	.1					252	252	
86/ 85			.0	.1	.4	.8	.8	.5	.8	.4	.2							289	289	
84/ 83			.0	.4	.7	1.3	.9	.7	1.0	.3	.3	.0	.0					419	419	5
82/ 81			.2	.6	1.2	.9	.9	1.0	.7	.3	.2	.1						435	435	25 4
80/ 79		.0	.6	1.2	1.2	1.0	1.2	1.2	.8	.3	.0							547	547	67 9
78/ 77		.3	.9	1.4	1.0	.9	.9	.7	.5	.3	.0							501	502	205 47
76/ 75	.1	.8	1.4	1.3	.9	.9	.9	.6	.4	.1	.0							539	541	390 145
74/ 73	.3	2.2	1.8	1.5	1.2	.6	.6	.6	.3	.1								660	661	583 281
72/ 71	.4	3.3	1.6	1.2	.8	.8	.4	.3	.1									645	647	800 573
70/ 69	.5	3.1	1.8	1.5	.8	.4	.5	.1	.0									623	623	920 773
68/ 67	.5	2.5	1.9	.7	.7	.2	.2	.1										492	492	912 737
66/ 65	.4	2.0	2.1	.9	.4	.2	.1											445	445	794 687
64/ 63	.3	1.4	1.3	.5	.3	.1	.0											278	278	680 609
62/ 61	.2	1.5	.7	.4	.1	.0												210	210	563 659
60/ 59	.0	1.3	.4	.3	.0		.0											150	150	429 588
58/ 57	.0	1.0	.6	.1		.0												125	125	291 544
56/ 55	.1	1.2	.3	.0	.0													120	120	198 463
54/ 53	.0	.9	.2	.0	.0													86	86	154 314
52/ 51	.0	.4	.1	.0	.0													40	40	88 315
50/ 49		.2	.0	.0														13	13	45 200
48/ 47		.1	.0															7	7	16 114
46/ 45		.0																3	3	8 60
44/ 43																		3	3	8 25
42/ 41																				26
40/ 39																				7
38/ 37																				1
36/ 35																				2
TOTAL	2.9	22.3	16.2	12.2	10.0	9.2	8.7	7.2	6.0	3.0	1.6	.5	.2	.0				7183	7189	7183
																		7183	7183	
Element (X)	Σx ²		Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	39017534		512682		71.4		18.376		7183		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	39576952		529580		73.7		8.868		7189				590.8	408.5	203.9	4.3	744			
Wet Bulb	32145658		478334		66.6		6.378		7183				404.9	132.3	6.6		744			
Dew Point	26637864		430452		62.7		7.366		7183				266.1	50.3	.7		744			

USAFETAC FORM 0-26-5 (OL A) JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND, TIPTON AAF
STATION NAME

60-69

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

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USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-69

SEP
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL-A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-69
STATION STATION NAME

OCT
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

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USAFETAC FORM 0-26.5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

93733 FORT MEADE MARYLAND/TIPTON AAF 60-69
STATION STATION NAME

OCT
MONTH

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HOURS (L. S. Y.)

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USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 59-69

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MONTH

PAGE 1

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

59-69

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

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HOURS (L. S. T.)

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FORM
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0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSDEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
72/ 71						.0	.1													6	6						
70/ 69				.0		.1	.1	.0												13	13						
68/ 67			.1		.1	.0	.0													12	12						
66/ 65			.1		.1	.0	.1	.0	.0	.0	.0									23	23						
64/ 63		.0		.0		.0	.0	.0		.0										11	11	7					
62/ 61		.1	.1	.0	.0	.1	.0	.0	.0											35	35	13	12				
60/ 59		.1	.0	.2	.1	.1	.1	.0	.0											48	48	27	10				
58/ 57	.1	.2	.0	.1	.1	.2	.1	.1	.0											63	63	30	17				
56/ 55	.1	.3	.2	.1	.2	.3	.1	.1												94	94	39	30				
54/ 53	.0	.2	.1	.3	.2	.3	.2	.0												92	92	50	42				
52/ 51	.1	.4	.3	.3	.4	.3	.1	.0												130	130	62	39				
50/ 49	.1	.5	.5	.3	.5	.3	.1													171	171	86	60				
48/ 47	.1	.9	.5	.4	.5	.4	.1													205	206	136	67				
46/ 45	.3	1.4	.8	.7	.7	.4	.0													310	310	209	102				
44/ 43	.7	1.3	.6	.8	.6	.2	.1													310	310	281	173				
42/ 41	.6	1.2	.9	.9	.8	.2														325	325	261	179				
40/ 39	.4	1.9	1.5	1.9	1.3	.2														518	518	329	190				
38/ 37	.1	1.5	1.9	2.3	.8	.1														476	476	327	206				
36/ 35	.2	1.9	2.7	2.1	.5	.0														537	537	401	231				
34/ 33	.6	2.7	2.6	2.0	.3															587	587	570	234				
32/ 31	.7	2.9	2.3	1.6	.2	.0														556	556	722	405				
30/ 29	.2	3.5	3.0	1.2	.2															579	579	652	376				
28/ 27	.3	3.1	1.9	.9	.0															447	447	648	427				
26/ 25	.4	2.3	1.5	.5	.0															345	345	535	524				
24/ 23	.3	2.1	1.4	.2																293	293	417	495				
22/ 21	.4	1.5	1.2	.1																230	230	328	539				
20/ 19	.5	1.4	.9	.0	.0															202	202	257	475				
18/ 17	.4	1.4	.5		.0															166	166	229	404				
16/ 15	.8	.6	.3																	126	127	212	424				
14/ 13	.4	.6	.2																	85	85	105	299				
12/ 11	.3	.5	.1																	68	68	88	224				
10/ 9	.5	.2	.0																	51	51	78	210				
8/ 7	.2	.0	.1																	20	20	28	200				
6/ 5	.2	.0																		18	18	24	182				
Element (X)	Σ X ²				Σ X				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (O) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69

YEARS

DEC
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
60/ 59				.3	.2													3	3						
58/ 57				.8														5	5						
56/ 55				.2														1	1						
54/ 53		.3																2	2	3					
52/ 51		.2																1	1	8					
50/ 49		.2	.2			.5												5	5	1	6				
48/ 47	.2	.8																6	6	4	5				
46/ 45	.2	.2		.2	.3	.2												6	6	5	8				
44/ 43		.8	.5	.2	.2													10	10	2	3				
42/ 41	.8	.9	.8	.9	.5													25	25	16	9				
40/ 39	.2	3.5	1.4	1.1	.5													43	43	13	7				
38/ 37		2.9	1.1	1.1	.3													35	35	31	15				
36/ 35	1.2	2.8	1.7	.8														42	42	46	20				
34/ 33		3.1	3.1	.3														42	42	35	28				
32/ 31	.3	3.7	3.1	1.2	.2													55	55	48	18				
30/ 29	.5	2.3	1.5	.3														30	30	57	40				
28/ 27	.2	3.4	1.7	.3														36	36	34	41				
26/ 25	.2	4.3	2.6	.2														47	47	41	28				
24/ 23		2.8	4.3															46	46	45	37				
22/ 21	1.7	3.5	1.8															46	46	55	37				
20/ 19	2.0	2.5	1.4															38	38	60	48				
18/ 17	.5	1.4	.6															16	16	24	38				
16/ 15	.3	2.6	.5															22	22	15	42				
14/ 13	1.1	1.5	.8															22	22	26	23				
12/ 11	.6	.8	.3															11	11	21	38				
10/ 9	.6	1.8	.3															18	18	12	34				
8/ 7	.8	.6																9	9	19	19				
6/ 5	.6	.6																8	8	7	17				
4/ 3	.6	.2																5	5	7	19				
2/ 1	.5																	3	3	3	11				
0/ -1	.3	.3																4	4	3	18				
-2/ -3	.8	.2																6	6	6	12				
-4/ -5	.5																	3	3	4	6				
-6/ -7																					12				
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIO

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66

JAN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-66
YEARSJAN
MONTHPAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
60/ 59					.2															1	1			
58/ 57			.5	.3																5	5			
54/ 53			.2																	1	1	3		
52/ 51		.2		.2																2	2	3		
50/ 49		.5	.2																	4	4	2	3	
48/ 47		.5	.2	.2																5	5	4		
46/ 45		.2																		1	1	5	11	
44/ 43		.6		.3																6	6	2	1	
42/ 41	.8	1.5	.8	.5																23	23	15	9	
40/ 39	.2	2.8	1.1	1.1	.3															35	35	12	15	
38/ 37	.2	3.5	.3	1.7	.6															41	41	24	6	
36/ 35	.6	2.6	.9	1.2	.3															37	37	43	21	
34/ 33	.2	2.9	2.5	.3	.2															39	39	25	31	
32/ 31	.5	4.3	2.5	.3																49	49	50	16	
30/ 29	.5	2.6	2.0	.5																36	36	56	33	
28/ 27	.2	2.6	1.9	.2																31	31	35	30	
26/ 25		4.0	2.6	.2																44	44	35	29	
24/ 23	.2	4.3	2.9																	48	48	44	39	
22/ 21	.9	3.4	1.9																	40	40	54	32	
20/ 19	2.0	4.8	1.1																	51	51	56	34	
18/ 17	1.4	2.8	.2																	28	29	45	41	
16/ 15	1.1	1.5	.6																	21	21	25	52	
14/ 13	1.1	1.9	.9																	22	22	19	52	
12/ 11	.3	1.7	.6																	17	17	19	33	
10/ 9	1.1	1.1																		14	14	21	33	
8/ 7	.5	1.5	.3																	15	15	11	24	
6/ 5	.6	.5																		7	8	12	17	
4/ 3	.3																			2	3	5	12	
2/ 1	.3	.2																		3	3	2	14	
0/ -1	.9																			6	6	7	14	
-2/ -3	.3																			2	2	2	12	
-4/ -5	.5	.5																		6	6	4	2	
-6/ -7	.9																			6	6	8	8	
-8/ -9																							7	
Element (X)	$\Sigma X'$		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-66

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

LEADS

JAN
MONTH

PAGE 2 0600-0800

HOURS (I, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb			Wet Bulb	Dew Point		
66/ 65						.1												1	1					
62/ 61		.2				.3												5	5					
60/ 59		.1				.5												6	6		2			
58/ 57			.1	.3														4	4		2	2		
56/ 55			.1	.2														3	3			1		
54/ 53				.2	.3													5	5		9			
52/ 51			.1	.4		.1												7	7		5			
50/ 49	.1	.5			.2	.3												11	11		5	7		
48/ 47		.3	.1	.4	.6	.2	.1											17	17		8	10		
46/ 45		.7	.3	.5	.7	.4												26	26		9	6		
44/ 43	.2	2.0	.6	1.2	.8	.3												51	51		22	11		
42/ 41	.6	1.3	1.8	.6	.9													52	52		32	21		
40/ 39	.3	1.7	1.3	1.8	1.6													67	67		37	23		
38/ 37	.9	2.2	1.7	2.0	.6													74	74		66	18		
36/ 35	.3	2.2	2.2	2.4	.4													76	76		66	39		
34/ 33	.1	2.3	2.1	3.0	.2													81	81		65	44		
32/ 31	.2	3.2	2.6	2.5	.2													92	92		96	50		
30/ 29	.1	2.8	1.7	3.6														84	84		84	42		
28/ 27	.3	2.2	2.6	1.0														62	62		95	42		
26/ 25	.3	1.0	3.7	.4														55	55		76	56		
24/ 23	.2	.8	3.5	.2														48	48		62	73		
22/ 21	.4	1.2	2.7	.1														45	45		62	66		
20/ 19	.1	1.7	1.6	.2														36	36		52	51		
18/ 17	.1	1.2	1.2															25	25		49	53		
16/ 15	.3	1.1	1.5															29	29		29	57		
14/ 13	.2	1.1	1.0															23	23		26	51		
12/ 11	.1	.7	.8															16	16		23	53		
10/ 9	.2	.7	.1															10	10		21	46		
8/ 7	.1	.4	.1															6	6		9	54		
6/ 5		.1	.1															2	2		5	39		
4/ 3	.1	.1																2	2		3	25		
2/ 1		.1																1	1		2	11		
0/ -1	.1																	1	1		1	14		
-2/ -3																							15	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

JAN

STATION

STAT-ON NAME

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 4-74

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIO

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

JAN
MONT

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							Dry Bulb	Wet Bulb
64/ 63		.1																1				1	1		
62/ 61					.1													1				1		1	
60/ 59				.1	.2													3				3			1
58/ 57		.2		.7	.2													10				10			
56/ 55				.2														2				2	2		2
54/ 53		.1	.3															4				4	4		
52/ 51		.1	.3		.1			.1										6				6	12		
50/ 49	.1	.2	.6	.2		.2	.2											14				14	5		4
48/ 47	.1	.4	.2	.2	.2	.4	.3											18				18	5		11
46/ 45		.4	.3	.7	.2	.3	.2											20				20	12		9
44/ 43	.1	2.2	.6	.3	.8	.4												40				40	13		15
42/ 41	.2	2.2	.9	1.8	1.1	.1												57				57	27		19
40/ 39	.1	1.1	2.6	1.5	1.0													58				58	36		18
38/ 37	.4	.9	2.2	1.7	.6													52				52	38		19
36/ 35	.6	1.7	3.4	2.0	.8													76				76	68		16
34/ 33	.6	3.5	2.3	2.8	.7													89				89	79		30
32/ 31	.1	3.0	3.9	1.9														80				80	81		40
30/ 29		3.3	3.2	2.2	.1													80				80	82		56
28/ 27	.2	1.5	3.6	1.7														64				64	96		53
26/ 25	.4	1.1	4.1	.6														56				56	63		50
24/ 23	.1	.6	1.7	.6														26				26	61		66
22/ 21	.1	2.2	1.7															36				36	56		48
20/ 19		1.4	1.0	.1														23				23	40		55
18/ 17		.9	.9															16				16	20		54
16/ 15	.6	1.0	1.0															23				23	19		45
14/ 13		1.1	.6															15				15	19		46
12/ 11	.6	.8	.1															13				13	22		48
10/ 9	.2	.7	.2															10				10	13		48
8/ 7	.3	.3																6				6	10		38
6/ 5		.2																2				2	4		23
4/ 3	.1	.3																4				4	5		22
2/ 1																							1		14
0/ -1		.1																1				1			9
-2/ -3																							1		13
Element (X)	Σ X'			Σ X			X̄			e _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

YEARS

JAN
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM 1

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

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JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
56/ 55		.2	.2	.2	.2													4	4								
54/ 53		.3				.2												3	3	3	1						
52/ 51	.3	.8	.2															8	8	4	5						
50/ 49	.3	.2				.2	.3											6	6	7	6						
48/ 47	.2		.2			.2												3	3	4	3						
46/ 45		.7	.8	.2														10	10	1	2						
44/ 43	.3	.7	.5	.5	.3													14	14	10	7						
42/ 41	1.0	.8	1.0	.8														22	22	14	8						
40/ 39	1.3	2.0	1.9	2.2	.3													44	44	28	11						
38/ 37	.7	2.2	1.2	1.9														35	35	22	18						
36/ 35	.3	.8	1.9	1.0	.3													26	26	32	19						
34/ 33	.7	4.7	3.9	1.3	.2													64	64	32	20						
32/ 31	.8	4.0	3.4	.7														53	53	61	23						
30/ 29	.8	4.0	4.7	1.3														65	65	56	30						
28/ 27	.7	2.4	3.4	.7														42	42	61	40						
26/ 25	1.0	4.4	2.2	.2														46	46	56	37						
24/ 23	.3	2.9	1.7															29	29	48	45						
22/ 21	1.0	2.9	2.2															36	36	36	55						
20/ 19	.5	1.9	1.2															21	21	31	42						
18/ 17		.5	1.0															9	9	23	21						
16/ 15		1.0	2.0															18	18	9	37						
14/ 13	.5	1.5	.3															14	14	17	28						
12/ 11	.2	.5																4	4	18	25						
10/ 9	.3	.7																7	7	6	23						
8/ 7	.7	.2																5	5	9	11						
6/ 5	.2	.3																3	3	1	22						
4/ 3	.2	.2																2	2	4	13						
2/ 1	.2																	1	1	1	5						
0/ -1																					8						
-2/ -3																					9						
-4/ -5																					12						
-6/ -7																					4						
-8/ -9																					3						
-10/-11																					1						
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66

YEARS

FEB
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

QRM

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-66
YEARSFEB
MONTHPAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
60/ 59			.3															2	2					
58/ 57			.2															1	1					
56/ 55		.2																1	1	3				
54/ 53	.2	.7																5	5	5				
52/ 51		.2																1	1	1	9			
50/ 49	.2	.5	.3															6	6	2	2			
48/ 47		.2				.2												2	2	4	2			
46/ 45		.3	.5	.3		.2												8	8	3	2			
44/ 43	.5	1.2	.5	.3	.2	.3												18	18	6	5			
42/ 41	1.0	1.0	.7	.5														19	19	16	13			
40/ 39	1.2	.5	2.4	1.2	.2													32	32	22	10			
38/ 37	.7	1.2	1.5	1.0														26	26	17	10			
36/ 35	1.0	1.2	3.0	.3														33	33	32	19			
34/ 33	.8	4.7	1.2	1.0	.2													47	47	31	18			
32/ 31	1.2	4.0	2.9	1.9														59	59	58	18			
30/ 29	1.0	4.7	4.0	1.7														68	68	45	44			
28/ 27	.8	2.9	3.8	.5														44	44	51	40			
26/ 25	.7	3.0	2.9															39	39	64	34			
24/ 23	1.2	2.2	3.0															38	38	50	33			
22/ 21	.8	2.4	2.0															31	31	36	43			
20/ 19	1.5	2.2	1.3															30	30	38	33			
18/ 17	1.2	1.9	.7															22	22	31	28			
16/ 15	.3	.7	.8															11	11	15	47			
14/ 13	.5	.7	2.0															19	19	15	38			
12/ 11		1.0	.3															8	8	12	26			
10/ 9		.2																1	1	13	26			
8/ 7	.2	1.0																7	7	5	16			
6/ 5	.5	.7																7	7	9	11			
4/ 3	.5	.7																7	7	5	10			
2/ 1	.2																	1	1	4	10			
0/ -1	.2																	1	1	1	8			
-2/ -3																					15			
-4/ -5																					10			
-6/ -7																					4			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0 26-5 (OL AJ) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-66

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSFEB
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
60/ 59					.2													2	2								
58/ 57		.1																1	1								
56/ 55		.3																3	3	1	1						
54/ 53	.1	.5					.1											7	7	5	2						
52/ 51		.5	.1															6	6	6	6						
50/ 49		.1				.1												2	2	6	2						
48/ 47		.3			.3													6	6	1	4						
46/ 45		.5	.4	.2			.1											12	12	5	3						
44/ 43	.2	.9	.2	.7			.1											19	19	11	11						
42/ 41	.3	.5	.4	.7														18	18	13	11						
40/ 39	1.1	.5	1.6	.7	.4	.1												41	41	27	13						
38/ 37	.4	1.0	1.3	1.3	.3													40	40	19	8						
36/ 35	.7	2.4	2.4	1.8	.3													69	69	42	18						
34/ 33	.9	3.9	2.0	1.5														76	76	52	33						
32/ 31	.3	3.0	2.3	1.5														65	65	79	31						
30/ 29	1.3	3.9	3.9	1.2														95	95	79	66						
28/ 27	.9	3.3	3.2	.8														74	74	92	45						
26/ 25	.5	3.8	3.4	.3														74	74	78	42						
24/ 23	.4	2.6	1.9	.2														47	47	72	58						
22/ 21	.7	3.7	2.4	.2														64	64	68	51						
20/ 19	.5	2.1	3.0															51	51	55	72						
18/ 17	.7	1.4	1.0															28	28	51	51						
16/ 15	.7	1.1	1.0															25	25	40	60						
14/ 13	.4	1.0	.7															19	19	23	62						
12/ 11		2.6	.9															32	32	27	49						
10/ 9		.8	.2															9	9	22	28						
8/ 7	.1	.5																6	6	14	35						
6/ 5	.2	.3																5	5	5	29						
4/ 3																				3	17						
2/ 1	.4	.2																6	6	6	29						
0/ -1	.2	.1																3	3	3	11						
-2/ -3	.7																	6	6	6	16						
-4/ -5																					28						
-6/ -7	.1																	1	2	1	13						
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

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MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSFEB
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
64/ 63				.1														1	1					
62/ 61					.1													1	1					
60/ 59			.2	.2	.1			.1										6	6					
58/ 57		.1		.1		.1	.1											4	4	1				
56/ 55		.1	.1	.1		.2												5	5	5	1			
54/ 53		.2	.2	.1		.4	.1	.1										11	11	5	3			
52/ 51	.2	.6		.2	.1	.1	.1	.3										16	16	9	8			
50/ 49		.4	.3		.2	.1	.1											11	11	4	4			
48/ 47	.1	.3	.2	.4	.5	.3		.1										19	19	10	13			
46/ 45	.2	.4	.3	.8	.6	.4	.3	.1										30	30	14	7			
44/ 43	.2	.4	.9	1.1	1.0	.4	.1											38	38	13	5			
42/ 41	.6	1.1	.5	1.1	1.0	.5												45	45	22	12			
40/ 39	.5	1.1	1.5	1.8	2.0													65	65	42	13			
38/ 37	.4	2.0	2.0	2.9	1.9	.1												88	88	44	15			
36/ 35	1.0	2.4	2.7	3.5	1.4													102	102	71	29			
34/ 33	.2	3.8	2.0	3.1	.8	.1												93	93	85	34			
32/ 31	.2	2.4	3.2	3.9	.3													93	93	105	48			
30/ 29	.2	2.3	2.4	2.3	.3													69	69	108	60			
28/ 27	.2	1.2	2.4	2.0	.2													56	56	86	52			
26/ 25		.9	1.8	1.2														36	36	76	53			
24/ 23		1.6	2.1	1.0														44	44	54	45			
22/ 21	.1	.4	1.6	.8														27	27	47	61			
20/ 19	.1	.3	.6	.3														13	13	36	69			
18/ 17	.3	.3	1.6															21	21	28	51			
16/ 15	.3	.3	1.5															20	20	19	63			
14/ 13	.1	.1	.8															9	9	22	45			
12/ 11	.1	.1	.2															4	4	14	38			
10/ 9	.1	.1																2	2	9	22			
8/ 7																					32			
6/ 5	.1																	1	1	1	27			
4/ 3	.1	.1																2	2	2	31			
2/ 1	.1																	1	1	1	12			
0/ -1																					18			
-2/ -3																					20			
Element (X)	Σ x ²			Σ x			x̄			σ _x			No Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

FEB
MONTH

PAGE 2 0900-1100
HOURS (.. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (L S T)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

FEB
MONTH

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FORM
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
72/ 71								.1												1	1						
70/ 69							.1		.2											3	3						
68/ 67					.1	.3		.2												6	6						
66/ 65					.2	.2	.2	.1												7	7						
64/ 63							.1		.1											2	2						
62/ 61			.3	.3	.1				.3											10	10						
60/ 59		.4	.2		.1	.2	.2	.3	.2	.3										19	19	2					
58/ 57			.1		.1	.4	.1	.3	.4											14	14	14	4				
56/ 55		.2			.1	.1	.5	.3	.1											13	13	10	3				
54/ 53		.1	.4	.1	.4	.4	.5	.4												23	23	6	6				
52/ 51	.1	.6	.4	.5	.5	.3	.8													31	31	9	7				
50/ 49	.2			.1	.6	.5	.6	.4												24	24	12	13				
48/ 47		.3	.3	.2	.9	.8	.6	.3												32	32	15	6				
46/ 45		.5	.3	1.6	1.5	1.4	.4													54	54	23	9				
44/ 43		1.3	.5	.8	1.6	.9	1.3													59	59	37	5				
42/ 41	.3	1.0	.8	.6	4.0	1.5	.4													80	80	39	18				
40/ 39		.6	1.2	4.2	4.0	1.3	.2													107	107	56	22				
38/ 37		2.5	.6	3.5	2.8	.4	.1													93	93	52	12				
36/ 35	.3	1.7	1.7	2.3	2.3	.4														81	81	89	33				
34/ 33	.1	1.6	.9	2.0	1.2	.4														58	58	127	38				
32/ 31	.4	1.8	1.0	2.8	1.1	.2														68	68	118	42				
30/ 29		.3	1.0	1.6	1.4															40	40	80	50				
28/ 27		.5	.9	2.1	.4															37	37	62	52				
26/ 25		1.1	.4	1.6																29	29	49	52				
24/ 23		.2	.1	1.0																12	12	44	50				
22/ 21	.3	.8	.1	.8																18	18	44	72				
20/ 19	.1		1.1																	11	11	20	58				
18/ 17																						14	57				
16/ 15		.1																		1	1	10	52				
14/ 13																						1	37				
12/ 11																							35				
10/ 9																							29				
8/ 7																							35				
6/ 5																							24				
Element (X)	ΣX ²				ΣX				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 84
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIO

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

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MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

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USAFETAC
FORM
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0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSFEB
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
64/ 63				.1														1	1								
62/ 61			.2	.1	.1	.1												5	5								
60/ 59				.4	.1	.1												5	5								
58/ 57	.1	.1	.2	.5	.1		.2											11	11	5	1						
56/ 55	.1	.2	.1		.1	.2		.1										8	8	4	4						
54/ 53	.1		.2		.2	.2	.1											8	8	8	3						
52/ 51		.7		.2		.1	.4											12	12	10	6						
50/ 49			.4	.5	.1	.4	.5											15	15	6	7						
48/ 47		.6	.2	.4	.4	.4	.1											17	17	4	5						
46/ 45		.4	1.0	.7	.1	.6												23	23	20	8						
44/ 43	.1	.9	.4	1.2	.6	.2												28	28	6	7						
42/ 41	.2	1.6	1.2	1.7	1.5	.6												56	56	33	12						
40/ 39	.6	1.9	1.5	2.3	2.2	1.0												78	78	37	25						
38/ 37	.1	1.7	1.5	4.5	1.0	.4												75	75	47	17						
36/ 35	.7	1.0	3.4	3.5	1.6													84	84	53	41						
34/ 33	.1	1.7	3.3	4.1	1.1	.1												86	86	61	18						
32/ 31	1.1	1.9	2.7	2.9	.5													75	75	110	29						
30/ 29	.4	2.1	2.6	3.9	.1													74	74	106	41						
28/ 27	.2	1.0	2.2	1.6	.4													44	44	82	41						
26/ 25	.5	1.5	1.8	1.8														46	46	70	40						
24/ 23	.1	.5	1.2	1.2														25	25	53	62						
22/ 21		.2	1.3	.7														19	19	31	60						
20/ 19		.4	1.2	.4														16	16	28	74						
18/ 17			.5															4	4	23	45						
16/ 15		.1																1	1	15	50						
14/ 13		.2																2	2	4	28						
12/ 11		.4																3	3	3	41						
10/ 9		.1																1	1	3	27						
8/ 7																					26						
6/ 5																					23						
4/ 3																					21						
2/ 1																					13						
0/ -1																					12						
-2/ -3																					12						
Element (X)	Σ X ²				Σ X				X̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF
STATION STATION NAME

60-70

FFR

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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FORT MEADE MARYLAND/TIPTON AAF

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FEB

STATION

STATION NAME

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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
60/ 59			.1	.1	.2		.1											5	5					
58/ 57	.1		.2	.1			.1											5	5	1	1			
56/ 55	.1	.2				.1												4	4	5	2			
54/ 53		.6	.2				.2											9	9	3	2			
52/ 51		.2	.1		.1	.1												5	5	8	7			
50/ 49		.1	.1	.4			.4											8	8	3	2			
48/ 47	.1	.2	.6	.2	.2													12	12	6	5			
46/ 45		.2	.2	.3	.1	.1												10	10	9	6			
44/ 43	.5	1.2	.7	1.7	.2	.1												37	37	14	6			
42/ 41	.4	.7	.9	1.1	1.0	.1	.1											35	35	18	10			
40/ 39	.5	1.6	1.8	1.9	.7													54	54	33	17			
38/ 37	.4	2.4	1.7	1.5	.6	.1												55	55	41	17			
36/ 35	.7	1.7	3.4	3.2	.5													78	78	55	33			
34/ 33	.6	2.9	4.6	1.8	.5													86	86	55	29			
32/ 31	.5	2.7	3.6	1.7														65	65	80	37			
30/ 29	.4	2.4	3.8	2.4	.1													77	77	91	43			
28/ 27	.1	3.0	4.0	1.0	.5													71	71	68	44			
26/ 25	1.0	3.5	2.3	.5														60	60	89	44			
24/ 23	.1	1.7	2.6	.7														42	42	74	67			
22/ 21		1.9	1.9	.6														37	37	41	70			
20/ 19		1.0	1.6	.2														23	23	41	50			
18/ 17		.7	1.3															17	17	28	46			
16/ 15	.1	.9	.9															13	13	25	43			
14/ 13	.2	.2																4	4	20	38			
12/ 11			.1															1	1	6	44			
10/ 9	.2	.1																3	3	3	35			
8/ 7	.2	.1																3	3	4	18			
6/ 5	.1																	1	1	1	30			
4/ 3																					21			
2/ 1																					16			
0/ -1																					8			
-2/ -3																					6			
-4/ -5																					7			
-6/ -7																					10			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70
STATION STATION NAME

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
68/ 67						.3																											3	3			
66/ 65						.2																											1	1			
64/ 63						.2																											1	1			
62/ 61						.3																											2	2	1		
60/ 59	.2			.3	.3	.2																											8	8	3	1	
58/ 57	.3			.2	.2	.2						.3																					11	11	3	2	
56/ 55	.5	.5		.2	.5	.3	.5																										15	15	9	6	
54/ 53				.2	.2	.2	.2																										4	4	7	2	
52/ 51		.2	.3	.2	.3	.3																											6	6	4	8	
50/ 49	.3	.6	.6	.6	.6	.2	.2																										16	16	8	4	
48/ 47	.5	.9	.9	.3	.3	.2						.2																					17	17	15	12	
46/ 45		2.0	1.4	.9	.5	.6																											25	25	22	10	
44/ 43		1.1	2.2	.5	.5	.3																											29	29	21	11	
42/ 41	.6	3.2	2.2	1.2		.2																											48	48	36	11	
40/ 39	.3	3.4	1.9	2.9		.6	.2																										58	58	41	37	
38/ 37		1.7	1.8	1.5	1.1																												40	40	42	32	
36/ 35	.3	4.6	1.9	2.2	.2																												57	57	50	40	
34/ 33	1.1	4.3	2.6	1.2																													60	60	56	35	
32/ 31	.6	2.2	3.2	1.2																													47	47	61	47	
30/ 29	.3	3.1	3.4	1.1																													51	51	60	32	
28/ 27		2.6	2.9																														36	36	50	41	
26/ 25		2.9	2.2																														33	33	45	34	
24/ 23		2.5	1.1																														23	23	39	40	
22/ 21		1.5	.5																														15	15	24	39	
20/ 19	.2	2.2	.9																														17	17	24	35	
18/ 17	.2	.6	.2																														6	6	13	50	
16/ 15	.5	.6	.2																														8	8	7	39	
14/ 13																																			6	6	27
12/ 11		.3	.2																														3	3		13	
10/ 9																																			3	22	
8/ 7																																				8	
6/ 5																																				6	
4/ 3																																				2	
0/ -1																																				3	
Element (X)	Σ X ²					Σ X					X̄					s _x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≤ 0 F					≤ 32 F						
Dry Bulb																										≥ 67 F					≥ 73 F						
Wet Bulb																										≥ 80 F					≥ 93 F						
Dew Point																															Total						

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66

MAR
MONTH

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HOURS (L. S. T.)

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USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65				.3	.2													3	3					
64/ 63			.2															1	1					
62/ 61		.2			.2													2	2	1				
60/ 59			.9		.3													8	8	4	1			
58/ 57	.2																	1	1	1	2			
56/ 55	.6	.2		.3	.5	.3												12	12	10	7			
54/ 53	.2	.3	.5		.6													10	10	4	8			
52/ 51			.3		.9	.2												9	9	4	2			
50/ 49		.8	.6	.2	.5													13	13	6	1			
48/ 47	.8	.3	.5	.6														14	14	14	11			
46/ 45		1.1		.5	.2													11	11	13	5			
44/ 43	.2	3.1	1.2	.5	.5	.5												38	38	22	11			
42/ 41	.8	2.8	1.9	.9	.2													40	40	37	16			
40/ 39	.6	2.0	1.4	1.8	.3													40	40	29	40			
38/ 37		2.8	1.1	1.1	.3													34	34	33	11			
36/ 35	.5	3.7	2.6	2.5	.6													64	64	40	37			
34/ 33	1.7	4.6	3.1	1.5														71	71	61	50			
32/ 31	.2	3.9	2.3	.8														46	46	56	38			
30/ 29	1.1	4.0	1.7	.5														47	47	72	28			
28/ 27	.3	2.6	2.5	.3														37	37	49	35			
26/ 25	.2	4.0	2.5	.2														41	41	35	50			
24/ 23		2.6	1.2	.2														26	26	48	35			
22/ 21	.6	1.5	.5															17	17	28	45			
20/ 19	1.1	2.9	.5															29	29	30	45			
18/ 17	.5	1.2	.3															13	13	21	30			
16/ 15		1.4	.6															13	13	7	44			
14/ 13	.2	.2	.2															3	3	14	22			
12/ 11	.3																	2	2	6	18			
10/ 9		.2																1	1		18			
8/ 7		.3																2	2	3	9			
6/ 5																					9			
4/ 3	.2																	1	1	1	7			
2/ 1																					2			
0/ -1																					6			
Element (X)	Σ x²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) 8-1950 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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MONTH

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HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONPORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAR
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/ 69					.1													1	1								
68/ 67					.1													1	1								
66/ 65			.1		.2													3	3								
64/ 63			.1															1	1								
62/ 61			.2	.1		.1												4	4	2							
60/ 59		.1	.1	.3	.2													7	7	6	1						
58/ 57	.1	.6	.1		.2	.1		.1										12	12	2	5						
56/ 55	.1	.1		.1	.2		.2											7	7	13	6						
54/ 53	.3	.2		.2		.1	.1											9	9	5	10						
52/ 51		.1	.4	.3	.4	.1												13	13	6	4						
50/ 49		.5	.4	.4	.4	.1												18	18	6	3						
48/ 47	.2	.9	.9	.9	.6	.1												26	26	13	8						
46/ 45	.4	1.3	1.0	.4	.4	.1												36	36	22	14						
44/ 43	.3	3.1	1.0	1.4	.3	.2												63	63	30	17						
42/ 41	.3	1.7	1.7	.9	.4													50	50	54	37						
40/ 39	.4	2.1	2.7	1.8	.7	.2												79	79	43	38						
38/ 37	.2	2.2	1.9	1.0	.2													51	51	62	33						
36/ 35	.8	5.2	1.9	1.7	.1													97	97	82	50						
34/ 33	1.2	4.7	3.2	2.7														118	118	97	68						
32/ 31	.3	3.2	3.1	2.2														88	88	86	82						
30/ 29	.3	3.1	2.9	.9														74	74	91	64						
28/ 27	.2	3.0	2.1	.4														57	57	93	54						
26/ 25	.1	1.9	1.7	.3														40	40	77	63						
24/ 23	.4	2.4	1.2															40	40	54	48						
22/ 21	.2	1.5	.9															26	26	37	58						
20/ 19	.4	1.3	.9															26	26	32	71						
18/ 17	.2	1.5	.3															20	20	29	55						
16/ 15		.5	.4															9	9	16	50						
14/ 13		.6	.1															7	7	6	40						
12/ 11		.3	.1															4	4	11	25						
10/ 9	.4																	4	4	6	16						
8/ 7																					20						
6/ 5																					20						
4/ 3																					10						
Element (X)	ΣX ²				ΣX				X̄				σ _X				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC
FORM 0-26.5 (OL A)
JUL 64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIO

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAR
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
76/ 75							.1		.1				.1							3	3						
74/ 73							.1		.1		.2									4	4						
72/ 71							.2			.1	.1	.2	.1							7	7						
70/ 69					.1				.1		.1	.3								6	6						
68/ 67				.1		.2			.1			.1								5	5						
66/ 65				.1	.3	.1	.2	.3	.3											13	13	1					
64/ 63		.1	.3		.2	.1	.1	.1	.2											11	11	2					
62/ 61		.1	.1	.1	.1	.3	.1	.5		.1										14	14	7					
60/ 59		.1	.3	.1	.5	.5	.4	.1	.3											23	23	6	4				
58/ 57		.2	.3	.4	.4	.3	.3	.2												21	21	15	9				
56/ 55		.5	.1	.2	.5	.9	.8	.1	.1											32	32	10	9				
54/ 53	.1	.4	.2	.2	.4	.8	.6	.1												28	28	18	6				
52/ 51	.1	.1	.2	.5	1.0	1.9	.5	.1												44	44	24	10				
50/ 49		.2	.6	.7	1.4	1.4	.2													45	45	24	8				
48/ 47	.3	.7	.7	1.6	2.0	1.2	.3													68	68	27	13				
46/ 45	.2	1.0	.4	2.2	2.3	1.1														73	73	45	14				
44/ 43	.2	1.7	1.6	2.2	1.8	.8	.1													84	84	69	29				
42/ 41	.1	.6	2.1	2.4	2.6	.3														83	83	71	39				
40/ 39	.3	2.1	1.2	2.2	1.9	.2														80	80	99	30				
38/ 37	.3	2.7	1.7	2.2	2.1															92	92	105	39				
36/ 35	.8	2.5	1.5	3.0	1.4															94	94	107	73				
34/ 33	.1	.7	2.1	1.9	.8															56	56	80	73				
32/ 31		.5	1.3	2.2	.3															43	43	75	82				
30/ 29		.5	.9	1.5																29	29	81	71				
28/ 27		.4	.3	1.0																17	17	48	60				
26/ 25	.2	.6	.5	.6																19	19	40	63				
24/ 23		.2	1.0	.1																13	13	24	69				
22/ 21		.3	.4	.1																8	8	16	56				
20/ 19		.5	.2																	7	7	20	44				
18/ 17		.1																		1	1	6	47				
16/ 15																						3	53				
14/ 13																							21				
12/ 11																							29				
10/ 9																							23				
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

MAR

STATION

STATION NAME

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MONTH

PAGE 1 1200-1400

HOURS (L, S, T, I)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81													.2								2	2		
80/ 79												.2									2	2		
78/ 77											.5	.4	.1	.1							11	11		
76/ 75					.1		.3		.2	.2	.2	.1									11	11		
74/ 73					.1	.1	.3	.4	.1	.4	.3										17	17		
72/ 71						.1	.4	.4	.2	.4											15	15		
70/ 69						.2	.4	.1	.1	.6	.1										15	15		
68/ 67					.1	.5	.1	.2	.3	.3											15	15	1	
66/ 65			.1	.4	.2	.3	.6	.4	.8	.4	.1										33	33	1	
64/ 63				.1	.1	.1	.2	.3	.7	.2											17	17	5	
62/ 61		.2	.1		.1	.3	.5	.5	.4												21	21	5	2
60/ 59		.3	.3		.4	.6	.7	.9	.4	.1											37	37	32	1
58/ 57		.1		.2	.5	.9	.7	.9	.7												40	40	24	6
56/ 55		.3		.1	.4	.8	1.1	.8	.3												38	38	27	17
54/ 53			.1	.5	.9	1.2	1.9	.7													53	53	15	4
52/ 51			.3	.4	.7	1.3	2.0	.2													49	49	30	15
50/ 49	.1	.2	.5	.7	.4	1.9	1.3	.5													56	56	38	7
48/ 47	.2	.6	.1	.6	2.2	2.3	.7														69	69	51	24
46/ 45		1.1	.4	1.9	2.3	2.2	.6														86	86	64	22
44/ 43		.9	1.1	1.3	2.2	1.6	.3														74	74	48	32
42/ 41		1.6	.8	.7	1.0	1.1	.1														53	53	96	20
40/ 39	.3	1.7	.6	1.3	2.3	.8															71	71	116	38
38/ 37	.3	1.5	.7	1.8	2.1	.3															67	67	94	62
36/ 35	.2	2.0	.7	1.2	1.7																58	58	86	69
34/ 33		1.4	1.1	1.4	.2																41	41	76	51
32/ 31	.1	.6	.6	1.1	.2																26	26	69	45
30/ 29		.2	.7	.7	.3																19	19	59	103
28/ 27		.3	.6	.4																	13	13	36	58
26/ 25	.1	.8	.2	.2																	13	13	22	54
24/ 23			.1																		1	1	21	59
22/ 21																							7	69
20/ 19																								68
18/ 17																								51
16/ 15																								43
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAR
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
82/ 81													.1						1	1			
80/ 79											.2								2	2			
78/ 77								.3	.1	.5	.4	.1	.2						16	16			
76/ 75						.2	.6	.3	.1	.1	.4		.1						18	18			
74/ 73								.3	.2	.5	.2	.1							13	13			
72/ 71							.2	.2	.2	.3	.4	.2							15	15			
70/ 69						.3	.5	.7	.3	.4	.1	.1							24	24			
68/ 67					.2	.1	.4	.3	.2		.3								15	15			
66/ 65				.1			.1	.3	.6	.5									16	16	3		
64/ 63						.2	.3	.6	.9	.6	.1								27	27	8		
62/ 61		.3	.2			.3	.6	.7	.4	.4									29	29	6		
60/ 59		.3		.4	.4	.8	.5	1.0	.8										42	42	23 3		
58/ 57		.1	.2	.3	.8	.3	1.7	.7	.8										49	49	26 9		
56/ 55			.1	.7	.9	1.0	1.1	2.1	.1										60	60	22 8		
54/ 53			.2	.4	.5	.9	1.7	.9	.2										48	48	26 6		
52/ 51	.1	.3			.4	1.5	2.0	.9	.1										53	53	34 16		
50/ 49	.1	.2	.2	.2	1.4	1.3	.7	.3											44	44	45 8		
48/ 47	.1	.3	.6	.7	1.8	2.2	1.1												69	69	49 22		
46/ 45	.2	.9	.5	1.1	1.5	3.5	1.3												91	91	71 20		
44/ 43		1.2	.8	1.1	1.3	1.2	.5												61	61	54 37		
42/ 41		1.7	.7	1.2	1.1	1.2	.2												61	61	111 30		
40/ 39	.7	1.9	.7	.5	3.4	1.1													84	84	102 49		
38/ 37	.3	.2	.6	1.3	2.0	.4													50	50	88 32		
36/ 35	.4	1.5	.1	.6	1.1														37	37	90 45		
34/ 33	.5	1.9	.4	1.1	.3														42	42	66 57		
32/ 31	.1	.7	.5	.5	.3														21	21	92 68		
30/ 29	.1	.1	.2	.9	.2														15	15	43 79		
28/ 27		.3	.2	.6															11	11	23 61		
26/ 25		.4	.5																9	9	15 42		
24/ 23																					19 59		
22/ 21																					7 76		
20/ 19																					56		
18/ 17																					48		
16/ 15																					48		
Element (X)	$\Sigma X'$		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC
FORM 64
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAR
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAR
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
78/ 77											.1							1	1			
76/ 75							.1		.1									2	2			
74/ 73						.2	.2	.2		.2			.1					9	9			
72/ 71							.1	.1	.1	.1	.1							4	4			
70/ 69						.1	.1	.1	.2	.1	.1							7	7			
68/ 67							.2	.2	.3		.2							11	11			
66/ 65					.2	.1	.3	.1	.1									8	8			
64/ 63				.1		.3	.2	.7										12	12	3		
62/ 61		.2	.1	.3	.2	.2	.4	.3										17	17	4		
60/ 59		.2		.1	.6	.4	.7	.3	.3									24	24	6		
58/ 57	.2	.7		.2	.1	.3	.2	.1	.1									18	18	13		
56/ 55		.2	.6	.3	.6	.4	1.0	.4										32	32	18		
54/ 53		.4	.2	.3	.4	1.1	1.1	.2										35	35	14		
52/ 51	.1	.6	.1	.8	1.0	1.3	1.0											44	44	30		
50/ 49	.1	.1	.6	1.1	1.5	.9	.7											47	47	29		
48/ 47		.2	.6	1.4	1.2	1.7	.8	.1										54	54	26		
46/ 45	.1	1.5	.6	1.7	1.5	1.1	.1											60	60	37		
44/ 43	.1	1.4	1.1	1.8	3.0	2.0	.1											86	86	64		
42/ 41	.4	2.0	1.4	2.2	2.6	.8												86	86	79		
40/ 39	.6	1.7	1.4	1.9	1.8	.3	.1											70	70	76		
38/ 37	.1	1.0	.8	2.5	1.9													57	57	83		
36/ 35	.6	1.8	.9	2.9	2.3													76	76	92		
34/ 33	.2	2.1	.4	1.9	.7													48	48	87		
32/ 31	.1	1.3	.7	1.0	.3													31	31	78		
30/ 29		.1	1.1	1.5	.1													26	26	50		
28/ 27		.3	.9	.6														16	16	42		
26/ 25		.4	.4	.1														9	9	29		
24/ 23		.7	.6	.2														13	13	23		
22/ 21	.1	.2	.1															4	4	16		
20/ 19	.1	.1																2	2	7		
18/ 17																				3		
16/ 15																				43		
14/ 13																				35		
12/ 11																				22		
Element (X)	Σ X'			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000
HOURS (L S T)

HOURS (L. S. T.)

REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

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USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
72/ 71							.2											7															2				
70/ 69							.2											2															2				
68/ 67						.1			.1									2															2				
66/ 65					.1	.1			.1									3															3				
64/ 63		.1	.1		.1	.1	.1	.1	.1									7															7				
62/ 61				.3	.3	.1	.2	.1										10															10	1			
60/ 59	.1	.3		.4	.4		.3	.1										16														16	8	3			
58/ 57	.1	.4	.1	.1	.3	.3	.1											14														14	6	6			
56/ 55		.3	.6	.6	.2													15														15	11				
54/ 53		.2		.4	.6	.3	.1											15														15	10	3			
52/ 51	.2	.1		.3	.7	.2	.6											19														19	18	21			
50/ 49	.4	.2	.6	.6	.6	.1												27														27	19	6			
48/ 47	.1	.7	.8	1.2	1.5	.3	.1											43														43	14	12			
46/ 45		2.0	1.9	.9	.6	.6	.2											55														55	28	11			
44/ 43		2.4	1.3	2.1	.7	.2	.2											63														63	43	13			
42/ 41	.4	2.0	1.2	3.2	1.3	.1												75														75	67	35			
40/ 39	.6	2.4	2.4	2.9	1.2													86														86	71	51			
38/ 37	.6	1.8	3.1	2.3	.6													75														75	66	49			
36/ 35	.8	3.7	2.1	1.5	.7													80														80	82	53			
34/ 33	.3	2.8	2.3	2.0	.1													68														68	110	46			
32/ 31	.3	2.8	1.8	1.3														56														56	74	71			
30/ 29		2.0	2.5	1.1														51														51	68	80			
28/ 27		1.7	2.2	.3														38														38	51	43			
26/ 25		1.3	1.5	.6														34														34	54	64			
24/ 23		1.2	1.0															20														20	41	50			
22/ 21		1.3	.8															19														19	26	57			
20/ 19		.9	.1															9														9	24	41			
18/ 17		.2	.1															3														3	13	37			
16/ 15																																		1	47		
14/ 13			.2															2														2	1	35			
12/ 11																																		1	33		
10/ 9																																		1	15		
8/ 7																																			12		
6/ 5																																			5		
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																						
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PAGE 2 2100-2300
HOURS (L. S. T.)

93733 STATION FORT MEADE MARYLAND/TIPTON AAF 60-70

YEARS

MAR
MONTH

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-66,68
YEARSAPR
MONTH

PAGE 1

0000-0200
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
78/ 77									.3									2	2						
76/ 75								.2										1	1						
74/ 73						.2	.2		.3									4	4						
72/ 71						.2		.2										2	2						
70/ 69				.3		.2		.2		.2								5	5						
68/ 67				.8	.3			.3										9	9						
66/ 65				.3		.5		.3										7	7						
64/ 63	.3	.3	.8	.7	.3	.2	.2											17	17	7	2				
62/ 61		.3		.7	.5	.2												10	10	11	2				
60/ 59		.7	.3	.5		.2												10	10	14	9				
58/ 57	.2	1.3	1.2	.5	.3	.2												22	22	13	9				
56/ 55	.2	1.5	1.7	.8	.5	.2												29	29	20	13				
54/ 53	.2	1.2	1.5	.5	.8	.2	.5											29	29	32	16				
52/ 51	.2	1.0	.3	.8	.2	.7												19	19	22	23				
50/ 49	.3	1.9	1.2	1.2	1.0	.7	.2											38	38	24	28				
48/ 47		.8	1.2	1.3	1.3	1.0												34	34	22	27				
46/ 45	.5	3.4	1.5	2.0	1.3	.3												54	54	31	19				
44/ 43	.2	2.5	1.3	1.5	1.7	.5												46	46	38	20				
42/ 41	.7	2.9	2.0	.8	.7													42	42	54	36				
40/ 39	1.2	4.2	3.0	1.0	.3													58	58	59	49				
38/ 37	.5	3.2	2.2	.7														39	39	59	28				
36/ 35	.2	2.2	2.5	1.2														36	36	50	39				
34/ 33		2.5	2.0	.5	.2													31	31	35	43				
32/ 31		2.0	1.3															20	20	37	42				
30/ 29		1.3	.5	.2														12	12	31	35				
28/ 27		1.2																7	7	17	38				
26/ 25		.3																2	2	8	29				
24/ 23		1.2																7	7	4	26				
22/ 21		.2																1	1	5	24				
20/ 19																					19				
18/ 17																					8				
16/ 15																					7				
12/ 11																					2				
Element (X)	Σ x'			Σ x			Σ			Σ _x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A)
JUL 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-66, 68

APR
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAPR
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75								.3										2	2					
74/ 73								.3										2	2					
72/ 71					.3	.2		.2	.2									5	5					
68/ 67				.2	.2	.2		.2										4	4					
66/ 65			.3	.2	.5	.2	.3											9	9					
64/ 63	.3	.7		.8	.2		.2											13	13	5	1			
62/ 61		.5	.5	.7	.2	.3												13	13	10	2			
60/ 59		.7	.2			.2												6	6	10	10			
58/ 57	.2	1.0	.3	.2														10	10	18	7			
56/ 55	.2	2.8	1.0	.7	.5													31	31	15	11			
54/ 53	.3	2.3	1.6	.7	.2	.2	.2											33	33	26	26			
52/ 51		1.6	1.3	1.1	.5	.2												29	29	24	16			
50/ 49	.2	2.3	1.8	.2	.5													30	30	23	24			
48/ 47	.2	.8	1.0	.5	.5	.3												20	20	35	24			
46/ 45	.6	1.3	2.1	1.8	.8		.2											43	43	28	30			
44/ 43		3.6	2.5	1.1	.5	.2												48	48	28	20			
42/ 41	1.3	3.1	1.0	1.5	.5	.3												47	47	49	35			
40/ 39	.7	4.1	1.8	2.3	.2	.2												56	56	49	42			
38/ 37	1.0	3.1	1.6	1.0														41	41	47	39			
36/ 35	.3	4.3	2.3	.5														45	45	58	38			
34/ 33	.2	3.8	2.0	.3														38	38	49	33			
32/ 31	.3	2.8	1.8	.3														32	32	42	43			
30/ 29	.5	2.6	.7	.2														24	24	35	42			
28/ 27		1.6																10	10	25	34			
26/ 25	.2	.5																4	4	18	42			
24/ 23		.8																5	5	5	29			
22/ 21	.2	1.0																7	7	3	23			
20/ 19	.3																	2	2	7	12			
18/ 17																					13			
16/ 15																					3			
14/ 13																					4			
12/ 11																					2			
10/ 9																					2			
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

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MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAPR
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	>31			Dry Bulb	Wet Bulb	Dew Point			
78/ 77							.1	.1												1	1					
74/ 73							.2	.1												3	3					
72/ 71				.1	.1	.1			.1											4	4					
70/ 69			.1	.2	.3	.2	.1	.1	.1											11	11					
68/ 67					.1	.2	.2	.1	.1											7	7					
66/ 65			.3	.3	.4	.1	.1	.1	.1											14	14	4				
64/ 63		.2	.1	.4	.2	.4	.1	.1	.1											16	16	5	3			
62/ 61	.1	.5	.6	.7	.3	.2	.3													27	27	13	5			
60/ 59	.6	.9	.3	.5	.6	.3	.3													35	35	21	13			
58/ 57	.1	1.9	.6	.7	.6	.1	.1	.3												44	44	32	12			
56/ 55	.2	1.7	1.0	.4	1.1	.4	.2													50	50	37	34			
54/ 53	.2	1.4	1.1	.5	.4	.4	.3													43	43	38	34			
52/ 51		1.9	1.7	1.3	.6	.1	.1													57	57	44	29			
50/ 49	.2	1.8	2.5	1.6	1.2	.4	.3													79	79	51	25			
48/ 47	.3	1.9	2.4	1.1	1.5	.4														77	77	69	46			
46/ 45		3.3	2.6	2.4	1.3	.4														92	92	74	57			
44/ 43	.7	2.3	2.7	2.2	1.4															90	90	88	58			
42/ 41	.8	2.2	1.7	1.3	.6	.2														67	67	69	75			
40/ 39	.6	2.9	1.8	1.7	.7	.1														77	77	104	71			
38/ 37	.1	1.7	1.5	1.2	.4															49	49	80	60			
36/ 35	.3	1.2	1.5	.4	.1															35	35	65	67			
34/ 33	.3	1.8	1.0	.2																33	33	55	55			
32/ 31	.1	1.2	.7	.4																24	24	45	57			
30/ 29	.2	1.1	.4																	17	17	32	48			
28/ 27		.8	.1																	9	9	18	57			
26/ 25	.1	.4	.1																	6	6	17	55			
24/ 23		.4																		4	4	4	40			
22/ 21	.1	.1																		2	2	4	26			
20/ 19	.2																			2	2	3	19			
18/ 17	.1																			1	1	1	12			
16/ 15																							6			
14/ 13																							8			
12/ 11																							2			
10/ 9																							2			
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.																					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb																										Total
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT. MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAPR
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
86/ 85											.2	.1						3	3					3			
84/ 83										.2	.1	.1						4	4					4			
82/ 81										.1	.2	.1						4	4					4			
80/ 79							.3	.1	.1	.3	.3	.3	.1					13	13					13			
78/ 77					.1	.2	.2	.4	.1	.1	.1	.1						12	12					12			
76/ 75				.1	.2	.2	.4	.4	.2	.2	.2	.1						17	17					17			
74/ 73				.1	.1	.4	.3	.2	.4	.3	.1							12	12					12			
72/ 71			.2	.3	.7	.4	.2	.4	.3	.2	.1							27	27					27			
70/ 69			.3	.3	.3	.3	.2	.5	1.0	.2	.1							29	29					29			
68/ 67		.3	.3	.1	.6	.3	.2	.8	.3									29	29					29	7		
66/ 65		.1	.2	.2	.7	.9	.5	.6	.6	.1								39	39					39	14		
64/ 63		.2	.5	.6	.5	.6	.3	.6	.3	.1								37	37					37	21	2	
62/ 61	.3	.3	.2	.3	.5	.9	1.0	1.0	.2	.3								50	50					50	39	22	
60/ 59	.1	1.6	.2	.4	.4	.8	1.0	1.1	.4									60	60					60	32	10	
58/ 57		.6	.8	.4	1.0	1.1	1.6	.7	.2									64	64					64	48	20	
56/ 55		1.2	.5	.5	1.4	1.6	1.2	.5	.2									71	71					71	49	33	
54/ 53		1.1	.9	.9	1.6	2.0	1.1	.6										76	76					76	51	42	
52/ 51		.8	1.0	1.0	1.9	3.0	1.0	.4										91	91					91	56	32	
50/ 49	.1	1.4	1.4	.9	2.1	1.7	.5											81	81					81	70	34	
48/ 47		1.5	1.1	1.3	1.6	1.5	.5											75	75					75	80	38	
46/ 45	.3	1.4	.9	1.0	1.4	.6	.6											62	62					62	122	54	
44/ 43	.2	.8	1.1	1.1	1.3	.8	.3											56	56					56	83	59	
42/ 41	.1	1.3	.4	.6	.7	.7												38	38					38	105	54	
40/ 39		.8	.4	.4	.7	.3												26	26					26	81	69	
38/ 37		.4			.3													7	7					7	53	57	
36/ 35				.1	.1													2	2					2	32	68	
34/ 33				.2														2	2					2	27	72	
32/ 31			.1															1	1					1	10	71	
30/ 29																									8	53	
28/ 27																									2	35	
26/ 25																										37	
24/ 23																										33	
22/ 21																										20	
20/ 19																										19	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAPR
MONTHPAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
92/ 91											.1			.1	.1						3	3			
90/ 89											.1		.2	.2							5	5			
88/ 87										.1	.2	.2		.1							6	6			
86/ 85										.2	.3	.4	.2								13	13			
84/ 83								.1	.1	.2	.2	.9		.1							19	19			
82/ 81						.1		.1	.7	.1	.3	.7	.4								24	24			
80/ 79						.3	.3	.3	.2	.3	.2	.3	.2								18	18			
78/ 77						.3	.3	.3	.2	.3	.2	.1	.4								21	21			
76/ 75				.1		.3	.2	.2	.4	.3	.3	.6									26	26			
74/ 73				.1	.1	.2	.2	.8	.5	.1	1.0	.1									35	35			
72/ 71				.3	.4	.3	.3	.7	.5	.6	.4										35	35	2		
70/ 69			.1	.3	.7	.8	.6	.7	.8	.6	.1										40	40	7		
68/ 67			.2	.4	.5	.3	.7	.2	.2	.7	.2										32	32	13	1	
66/ 65		.4	.1	.2	.2	.3	.3	.5	1.2	.5	.5										42	42	33	2	
64/ 63	.2	.2	.2	.1	.9	.3	.4	1.2	1.2	.4											47	47	31	9	
62/ 61		.4	.3	.3	.6	.7	1.0	1.3	1.7	.9											72	72	45	15	
60/ 59		.4	.6	.2	.3	.6	1.3	1.1	.9	.2											56	56	50	16	
58/ 57		.9	.5	.3	1.1	1.1	1.2	1.5	.6												75	76	38	29	
56/ 55		.4	.4	.5	1.4	2.3	2.5	.8	.1												84	85	61	22	
54/ 53		.3	.3	.7	.8	1.7	1.5	.3	.1												57	57	59	37	
52/ 51		.5	.7	.5	1.2	1.3	1.3	.8													63	63	49	35	
50/ 49		1.2	1.5	.7	1.0	1.2	.7	.6													69	69	73	39	
48/ 47	.1	1.3	.9	.5	1.2	1.4	.8														62	62	111	48	
46/ 45	.1	1.0	.5	.5	.4	.7	.1														33	33	120	53	
44/ 43		.6	.4		.3	.4															17	17	99	43	
42/ 41	.2	.5	.5		.3	.1															16	16	66	54	
40/ 39	.1	.9	.4		.1																15	15	57	67	
38/ 37		.1		.1	.1																3	3	41	64	
36/ 35																							20	62	
34/ 33																							8	69	
32/ 31																							3	59	
30/ 29																								51	
28/ 27																								38	
26/ 25																								46	
Element (X)	Σx^2			Σx			\bar{x}	σ_x	No. Obs.			Mean No. of Hours with Temperature													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

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MONTH

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HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSAPR
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
92/ 91												.2		.5				7		7							
90/ 89												.1	.1		.2			4		4							
88/ 87										.1	.1	.1	.3	.4				10		10							
86/ 85										.2		.6	.9	.4				21		21							
84/ 83										.5	.5	.6	.3	.3				22		22							
82/ 81								.3	.4	.5	.1	.3	.1	.1				18		18							
80/ 79									.7	.2		.3	.2					14		14							
78/ 77							.1	.2	.4	.1	.4	.6	.4					22		22							
76/ 75					.2	.3	.1	.2	1.0	.4	.7	.8						37		37							
74/ 73					.3	.1	.2	.1	.5	.5	.7							24		24							
72/ 71					.6	.2		.5	.4	.6	.4	.2						29		29							
70/ 69			.1		.2	.3	.3	.3	1.1	.8	.2	.2						35		35							
68/ 67		.1	.2	.1	.4		.3		.9	.8								32		32	13						
66/ 65	.1	.2	.6	.1	1.4	.7	.6	.9	1.2	1.2	.7							77		77	25	3					
64/ 63	.3	.3	.4	.2	.4	.3	.2	.6	.8	1.8								53		53	50	11					
62/ 61	.1	.4	.6	.3	.3	.6	1.2	1.9	1.9	.1								70		70	42	11					
60/ 59		.1	.6	.3	.1	1.0	2.0	1.2	1.4	.2								69		69	46	12					
58/ 57		.6	.5	.1	1.3	1.6	1.0	1.3	.9									69		69	45	25					
56/ 55		.2	.8	.5	1.0	1.9	1.2	.9	.3									68		68	67	34					
54/ 53		.1	.5	.7	.8	1.6	1.6	.6	.2									61		61	46	33					
52/ 51		.3	.4	.4	.3	2.1	1.6	1.4										65		65	59	28					
50/ 49	.1	1.1	1.7	.7	.8	1.7	.4											65		65	84	33					
48/ 47	.4	.9	.2	.6	.8	.6												35		35	124	37					
46/ 45		1.1	.8	.5	.1	.2	.2											31		31	107	58					
44/ 43		1.2	.2	.1	.2	.1												18		18	91	53					
42/ 41		1.3	.1	.2	.3													19		19	75	57					
40/ 39		.5	.2		.3													10		10	63	61					
38/ 37																					27	71					
36/ 35																					9	71					
34/ 33																					3	71					
32/ 31																					3	45					
30/ 29																						45					
28/ 27																						44					
26/ 25																						52					
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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MONTH

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
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93733 FORT MEADE MARYLAND/TIPTON AAF

60-70

APR

STATION

STATION NAME

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL																								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point																							
90/ 89												.2	.1									3	3																								
88/ 87												.1										1	1																								
86/ 85													.1									1	1																								
84/ 83											.1	.1	.1									4	4																								
82/ 81								.1	.1	.1		.2	.2									7	7																								
80/ 79								.1	.1	.1	.7											9	9																								
78/ 77								.5	.3	.3	.3											14	14																								
76/ 75				.1		.1	.2	.1	.2	.1	.2		.1									11	11																								
74/ 73						.2	.2	.2	.2	.1	.1	.2	.1									11	11																								
72/ 71			.2	.2	.5	.2	.2	.6	.3	.1	.2											21	21																								
70/ 69			.2		.6	.2	.8	.6	.2	.3	.1											28	28	1																							
68/ 67		.1	.1	.7	.3	.2	.2	.7	.6	.2												28	28	5	1																						
66/ 65		.5	.7	.1	.8	.7	.2	.1	.7	.1												34	34	14	1																						
64/ 63	.1	.5	.9	.2	.5	.5	.5	1.0	.3	.5												38	38	22	11																						
62/ 61	.2	.7	.1	.9	.8	.2	.9	.6	.6	.3												43	43	42	10																						
60/ 59		.7	.5	.2	.3	.8	1.7	1.0	.9													54	54	27	11																						
58/ 57		.8	.2	.6	1.2	1.2	.9	.9	.5													56	56	41	19																						
56/ 55		.6	.8	1.0	.8	1.6	1.8	.5														66	66	39	34																						
54/ 53		.5	1.0	.8	1.2	2.4	1.8	.3	.1													72	72	34	12																						
52/ 51	.2	.7	.5	1.2	2.4	1.7	1.1	.2														74	74	40	33																						
50/ 49	.6	1.0	1.8	1.5	1.9	1.9	1.0	.2														88	88	72	39																						
48/ 47		1.1	.6	1.2	2.3	1.2	.7															63	63	77	30																						
46/ 45	.1	1.6	.6	1.2	1.4	.6	.1															49	49	93	50																						
44/ 43	.2	1.7	.9	.7	1.1	.5																45	45	106	64																						
42/ 41		1.5	.9	.7	.9	.1																31	31	90	38																						
40/ 39	.1	.9	.1	.6	.3																	18	18	77	50																						
38/ 37		.3		.3	.2																	8	8	47	62																						
36/ 35			.1																			1	1	29	74																						
34/ 33				.1																		1	1	16	50																						
32/ 31																								6	52																						
30/ 29			.1																			1	1		42																						
28/ 27																								2	37																						
26/ 25																									46																						
24/ 23																									44																						
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																						
Rel. Hum.																																															
Dry Bulb																																															
Wet Bulb																																															
Dew Point																																															
																					Mean No. of Hours with Temperature				Total																						
																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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DATA PROCESSING DIVISION
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FORT HEADE MARYLAND/TIPTON AAF

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2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
82/ 81										.1								1		1				
80/ 79									.1									1		1				
78/ 77								.1										1		1				
76/ 75							.1	.2	.1	.1								5		5				
74/ 73					.1				.2									3		3				
72/ 71					.2	.3	.1	.1	.3									10		10				
70/ 69					.2	.1	.3	.3	.1									10		10				
68/ 67		.3	.1	.2	.3	.2	.1	.2										14		14				
66/ 65		.3	.7	.9	.3	.8	.3			.1								31	31	7	3			
64/ 63		.1	.6	.3	.9	.5	.1	.1										23	23	10	3			
62/ 61	.5	.8	.1	.8	.6	.3	.2	.2	.1									32	32	21	8			
60/ 59	.1	.8	.8	1.2	.5	.8	.5	.1										41	41	32	15			
58/ 57	.5	1.2	1.2	.5	.7	.9	.1	.2										45	45	26	24			
56/ 55		.7	.5	.8	.5	.2	.3	.1										27	27	49	23			
54/ 53		.7	.9	.6	.3	1.2	1.5	.3										48	48	36	19			
52/ 51	.1	1.5	1.5	.8	1.4	1.6	.6											65	65	27	33			
50/ 49	.3	1.2	1.7	3.4	1.5	.9	.3											81	81	46	39			
48/ 47		2.0	2.0	1.3	2.1	.9												71	71	52	30			
46/ 45		2.3	1.8	2.8	2.9	.2	.1											88	88	55	44			
44/ 43	.1	2.2	1.4	2.1	1.4	.5												66	66	94	54			
42/ 41	1.0	2.8	1.7	1.5	1.0													70	70	107	44			
40/ 39	.5	2.1	1.7	1.6	.8													58	58	87	61			
38/ 37		.6	1.4	1.4														29	29	81	65			
36/ 35	.1	.3	.7	.6														15	15	44	62			
34/ 33		.5	.7	.2														12	12	42	45			
32/ 31		.1	.3	.1														5	5	23	41			
30/ 29		.3	.3															6	6	9	60			
28/ 27		.2																2	2	10	58			
26/ 25		.2																2	2	3	38			
24/ 23																				2	33			
22/ 21																					26			
20/ 19																					15			
18/ 17																					3			
16/ 15																					8			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature											Total		
Rel Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

APR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-65
YEARSMAY
MONTHPAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77								.2												1	1			
76/ 75							.4	.2												4	4			
74/ 73							.2				.2									2	2			
72/ 71			.5	.4	.5	.2	.9		.2											15	15			
70/ 69			.4		.5	.5														8	8			
68/ 67		.4			.7		.2		.2											8	8	4		
66/ 65		1.6	.5	.4	2.3	.2	.2	.2												32	32	7	7	
64/ 63	1.1	4.1	1.3	.7	.9	.5	.2	.2												50	50	25	15	
62/ 61	.9	3.8	1.3	.9	1.1	.4														46	46	50	29	
60/ 59	.7	2.9	1.6	1.4	1.1		.7		.2											48	48	39	39	
58/ 57	.5	2.3	2.9	2.0	1.1	.7		.2	.4											56	56	42	13	
56/ 55	.2	3.6	3.6	.9	1.6	.5	.2													59	59	38	41	
54/ 53	.5	2.3	2.2	1.6	1.1	.4														45	45	70	50	
52/ 51	.2	3.0	2.3	2.0	.4	.2														45	45	47	52	
50/ 49	.4	2.3	2.5	.5	.2															33	33	41	34	
48/ 47	.5	2.0	1.3	.9	.2															27	27	63	50	
46/ 45		2.7	2.0	1.3	.2															34	34	32	38	
44/ 43		.9	1.4	.2																14	14	33	35	
42/ 41		1.6	.7																	13	13	23	32	
40/ 39		1.4	.4	.5																13	13	23	31	
38/ 37		.4	.4																	4	4	12	37	
36/ 35		.2																		1	1	4	19	
34/ 33																						5	14	
32/ 31																							9	
30/ 29																							3	
28/ 27																							4	
26/ 25																							2	
24/ 23																							1	
22/ 21																							1	
18/ 17																							2	
TOTAL	5.0	35.5	25.4	13.6	11.8	3.6	2.9	.9	.9		.2	.2								558	558	558	558	
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	3463867		43079		77.2		15.745		558		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	1778122		31190		55.9		7.896		558				6.3	1.2						93				
Wet Bulb	1532375		28949		51.9		7.400		558				.7							93				
Dew Point	1343597		26915		48.2		9.024		558		3.7									93				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT MEADE MARYLAND/TIPTON LAF

60-70

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81								.2										2														2	2				
80/ 79							.1											1														1	1				
78/ 77					.1		.2	.1										4														4	4				
76/ 75				.1		.7	.1	.2	.1									12														12	12				
74/ 73				.3	.2	.2	.4	.1										12														12	12				
72/ 71		.1	.4	.5	.2	.4	.2		.1									19														19	19	1			
70/ 69		.1	.7	.5	.8	.5	1.0	.2										38														38	38	5	2		
68/ 67	.2	.7	1.2	.5	.5	.5	.2	.4										42														42	42	19	7		
66/ 65	.3	1.5	.7	.7	1.0	.8	.5											55														55	55	38	14		
64/ 63	.4	2.9	1.1	1.0	1.8	.9	.4	.2										88														88	38	44	42		
62/ 61	.3	2.7	1.7	1.0	1.3	.8	.1											80														80	80	65	47		
60/ 59	.5	2.3	1.5	1.8	1.7	.4	.1	.1	.1	.1								87														87	87	65	48		
58/ 57	.7	2.1	2.1	1.4	1.3	.7	.2	.1										86														86	86	86	59		
56/ 55	.1	3.2	2.7	1.6	1.2	1.2	.3											105														105	105	90	53		
54/ 53	.3	1.6	2.2	1.7	1.2	.5	.1											76														76	76	98	65		
52/ 51	.2	2.5	1.5	2.1	.6	.9												79														79	79	79	80		
50/ 49	.3	1.4	2.4	1.2	.3	.5												64														64	64	85	95		
48/ 47	.4	2.2	1.2	1.4	.5	.2		.1										60														60	60	88	69		
46/ 45		2.2	1.0	1.0	.3	.1												46														46	46	82	87		
44/ 43	.1	.7	.6	.3	.3													20														20	20	63	62		
42/ 41	.1	.4	.3	.3	.1													14														14	14	35	74		
40/ 39	.3	.4	.4	.3	.2		.1											17														17	17	35	46		
38/ 37		.2		.1														3														3	3	13	35		
36/ 35		.6																6														6	6	11	40		
34/ 33		.2	.2	.1														5														5	5	13	27		
32/ 31		.1																1														1	1	4	16		
30/ 29		.1																1														1	1	3	20		
28/ 27																																			1	13	
26/ 25																																			4		
24/ 23																																			11		
22/ 21																																			1		
20/ 19																																			3		
18/ 17																																			1		
16/ 15																																			1		
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.			Mean No. of Hours with Temperature							Total																		
Rel Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

MAY
MONTH

PAGE 2

0600-0800
HOURS : L. S. (.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 STATION FORT HEADE MARYLAND/TIPTON AAF STATION NAME 60-70

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

JSAFETAC FORM 0-26.5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

MAY
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTHPAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL									
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point											
94/ 93													.1		.1							2	2									
92/ 91													.2	.4	.2							8	8									
90/ 89											.2	.2	.8	1.1	.1							24	24									
88/ 87										.1	.2	.9	.5	.3	.3	.2						25	25									
86/ 85									.2	.6	.6	.7	.3	.2								26	26									
84/ 83						.1		.3	.2	.7	.6	.6	.4	.2	.1	.1						33	33									
82/ 81						.2	.1	.6	.5	.9	1.1	.4	.2	.1								41	41									
80/ 79						.3	.4	1.1	.6	1.5	1.2	.9	.3									63	63									
78/ 77						.1	.7	1.0	.7	1.1	1.5	1.2	.3									66	66									
76/ 75				.1	.2	.1	.9	1.1	1.0	1.6	1.4	.4	.2	.1								71	71	1								
74/ 73				.2	.8	.4	1.0	1.7	1.3	.2	.5	.1										64	64	7								
72/ 71		.3	.4	.2	.5	.7	1.5	1.3	1.7	.6	.3	.1										76	76	22	2							
70/ 69	.1	.2	.5	.4	.8	1.3	.8	1.2	1.1	.4	.3											71	71	52	8							
68/ 67			.4	.2	1.2	1.0	1.1	1.9	1.3	.7												78	78	71	11							
66/ 65		.3	1.0	.4	1.3	.8	1.6	2.3	1.3	.1												92	92	64	31							
64/ 63		1.0	.2	.3	.4	.9	.7	.8	.6	.1												50	50	78	23							
62/ 61	.1	.5	.2	.3	.7	.6	.7	1.8	.5	.1												55	55	102	46							
60/ 59		.7	.4	.6	.3	.9	.7	.6	.3	.1												46	46	107	59							
58/ 57		.2	.7	.6	.6	.8	.8	.2														39	39	94	63							
56/ 55		.6	.8	.2	.5	.7	.2															30	30	89	63							
54/ 53		.5	.6	.3		.1	.3															18	18	77	74							
52/ 51	.1	.2	.2		.6	.1	.2	.2														16	16	86	79							
50/ 49		.4	1.3					.1														18	18	54	76							
48/ 47		.2	.5																			7	7	54	63							
46/ 45		.1																				1	1	34	77							
44/ 43																								17	69							
42/ 41					.1	.1																2	2	7	55							
40/ 39					.1																	1	1	2	47							
38/ 37																								2	27							
36/ 35																								3	45							
34/ 33																									34							
32/ 31																									23							
30/ 29																									15							
28/ 27																									8							
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature						
Rel Hum																										$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733	FORT MEADE MARYLAND/TIPTON AAF	60-70
STATION	STATION NAME	

MAY
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
96/ 95													.1	.1					2	2					
94/ 93										.1	.2	.1	.2					6	6						
92/ 91												.2	.7					9	9						
90/ 89											.8	.4	.2	.2				18	18						
88/ 87								.2	.1	.8	.6	.2	.2	.3				24	24						
86/ 85									.3	.8	.7	.7		.1				26	26						
84/ 83							.3	.1	.5	.8	1.1	.4	.1	.1				34	34						
82/ 81					.1	.2	.7	.6	.3	1.4	1.2	.3	.2					50	50						
80/ 79					.1	.5	.8	.6	.9	1.2	1.8	1.2						71	71						
78/ 77				.1	.1	1.0	.4	1.0	.7	1.0	.5	.3						51	51						
76/ 75				.1	.4	.3	1.1	1.0	2.0	1.4	1.0	.2	.3					78	78	1					
74/ 73		.1	.4	.6	.4	.9	.7	1.1	1.2	1.1	.4							69	69	7					
72/ 71		.2	.3	.3	.9	.9	1.0	.9	1.7	.6	.3	.1						74	74	17					
70/ 69		.2	.7	.4	.8	1.0	1.8	1.2	2.0	.9	.4							94	94	58					
68/ 67		.2	.2	.1	.2	.7	.6	1.3	1.1	.3								47	47	65					
66/ 65		.1	.2	.5	1.4	.5	1.0	1.5	1.3	.4	.1							70	70	57					
64/ 63	.3	.6	.7	.3	.3	.2	1.1	1.5	.3	.3								56	56	94					
62/ 61		.2	.4	.2	.9	1.0	.7	1.1	.3									46	48	91					
60/ 59	.2	.6	.5	.2	.6	.6	1.1	1.2	.1	.2								53	53	95					
58/ 57	.1	.5	.6	.4	.4	.4	.2	.3										29	29	113					
56/ 55		.1	.8	.3	.3	.1	.1	.1										18	18	78					
54/ 53		.3	.1	.6	.1	.1	.3	.2										17	17	81					
52/ 51		.7	.1	.3	.3													14	14	72					
50/ 49		.6	.3	.1														10	10	58					
48/ 47			.1															1	1	49					
46/ 45			.3															3	3	17					
44/ 43			.1															1	1	9					
42/ 41				.1	.2													3	3	9					
40/ 39																				2					
38/ 37																				59					
36/ 35																				39					
34/ 33																				1					
32/ 31																				22					
30/ 29																				38					
																				17					
																				16					
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAY
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
28 / 27																					9		
26 / 25																					9		
24 / 23																					7		
22 / 21																					2		
20 / 19																					1		
18 / 17																					2		
16 / 15																					2		
TOTAL	.6	4.5	6.1	4.7	7.7	8.6	12.2	14.2	13.1	11.6	9.3	4.4	2.0	.8					976		976		
																		976		976			
												</											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSMAY
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
94/ 93													.1																				1	1					
92/ 91										.1																							1	1					
90/ 89											.1	.1																				2	2						
88/ 87									.1	.1	.1	.2																				5	5						
86/ 85								.1	.1	.1																						4	4						
84/ 83								.2	.2	.2	.6	.5																			15	15							
82/ 81						.1	.1	.6	.6	.2	.1	.2	.1																		18	18							
80/ 79					.2	.1	.9	.3	.7	.7	.3	.1	.1																		30	30							
78/ 77					.6	.2	.2	.6	.5	.6	.5																				27	27							
76/ 75				.5	.9	.5	.5	1.1	.7	.7	.1	.2																			45	45	1						
74/ 73			.3	.5	.9	.8	.9	1.0	.7	.5	.2																				51	51	5						
72/ 71			.3	.9	.7	.6	1.7	1.0	.6	.5																					55	55	5						
70/ 69	.2	.7	.6	.9	1.6	.8	1.5	.8	.7	.5	.1																				73	73	31	5					
68/ 67		.8	.6	.9	1.6	1.5	1.0	1.3	.5	.1																					72	72	45	18					
66/ 65		1.1	.7	2.4	1.6	1.3	2.1	1.0	.6	.3																					97	97	48	23					
64/ 63	.1	.2	.7	1.5	1.1	1.6	1.5	.3	.2	.1																					65	65	58	37					
62/ 61	.7	.7	.5	.9	.7	1.8	1.3	.7	.2																						68	68	85	40					
60/ 59	.3	.2	.8	1.6	1.5	1.4	.7	.5	.1																						66	66	87	33					
58/ 57	.2	1.1	.8	1.3	.6	.9	.9	.5																							55	55	97	66					
56/ 55		.6	.5	.6	.9	1.1	.5	.3																							39	39	65	64					
54/ 53	.1	.3	.7	1.3	.9	.7	.3	.1																							39	39	97	65					
52/ 51	.1	.6	1.0	.2	.1	.2	.1	.1																							22	22	68	63					
50/ 49		.6	.2	.2	.3	.1																									13	13	64	65					
48/ 47		.2		.3	.2																										7	7	47	56					
46/ 45				.1		.1																									2	2	32	73					
44/ 43		.1																													1	1	21	59					
42/ 41		.1	.1	.3																											5	5	11	41					
40/ 39																																	6	39					
38/ 37																																	1	25					
36/ 35																																	4	30					
34/ 33																																		23					
32/ 31																																		16					
30/ 29																																		8					
28/ 27																																		9					
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature										Total			
Rel. Hum.																										≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

MAY
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
82/ 81							.1											1	1								
80/ 79						.3		.3			.1							5	5								
78/ 77						.1	.3	.4			.1							7	7								
76/ 75					.4		.1		.1									5	5								
74/ 73				.6	.4	.3	.3	.1		.1								14	14								
72/ 71		.3	.6	.4	.3	.1	.1	.1	.1		.1							17	17	2							
70/ 69	.1	.1	.8	.8	.3	.9	.3	.3	.1	.1								29	29	6	3						
68/ 67	.1	1.3	1.4	.6	1.7	.6	.6	.1	.1									52	52	21	3						
66/ 65	.1	2.2	1.8	2.2	1.6	1.0	.6	.5	.3									80	80	26	25						
64/ 63	.6	2.2	1.7	1.6	.6	.4	.4	.1	.3									61	61	53	38						
62/ 61	.3	1.9	1.8	2.2	1.0	1.2	.9	.1		.1								74	74	42	29						
60/ 59	.5	2.1	2.7	2.2	1.7	.5	.3		.3									79	79	76	40						
58/ 57	.5	1.6	2.2	1.9	2.1	.9	.5											75	75	73	54						
56/ 55	.5	1.6	2.1	2.2	1.0	.6	.3											64	64	75	52						
54/ 53	.4	1.0	1.7	.9	1.3	.3	.1											44	44	65	75						
52/ 51	.1	.8	2.8	.5	.4	.1												37	37	71	41						
50/ 49	.3	1.4	2.2	1.8	.5	.1		.1										50	50	67	61						
48/ 47		1.0	.8	1.2	.3	.1												26	26	57	53						
46/ 45		.8	1.3	.6														21	21	50	65						
44/ 43		.5	.9	.1														12	12	29	45						
42/ 41			.8	.5														10	10	26	35						
40/ 39		.3	.4	.4														8	8	14	42						
38/ 37				.1														1	1	11	25						
36/ 35																				4	35						
34/ 33																				4	16						
32/ 31																					13						
30/ 29																					9						
28/ 27																					2						
26/ 25																					6						
24/ 23																					1						
22/ 21																					1						
20/ 19																					2						
10/ 9																					1						
Element (X)	Σ X ²			Σ X			Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total									
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

MAY
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 100-44

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

JUN
MONTH

PAGE 1 0600-0800
HOURS (L S T)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUN
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point	
94/ 93								.1										1	1		
92/ 91								.1		.2	.1							4	4		
90/ 89								.3	.4	.5	.1	.1						14	14		
88/ 87						.1	.2	.4	.1	.7								25	25		
86/ 85				.1	.1	.6	1.1	1.2	.9	.4	.1	.1						46	46		
84/ 83				.6	2.0	1.9	1.3	.6	.3	.3								70	70		
82/ 81				.1	1.1	1.8	1.6	1.7	.4	.2	.1							70	70		
80/ 79			.2	1.0	2.7	1.9	2.4	1.4	.8	.4	.1							109	109	3	
78/ 77		.1	.2	1.4	2.0	1.4	1.2	1.8	1.0	.4	.1							96	96	2	
76/ 75		.4	.7	1.3	2.0	1.9	1.3	1.4	.8	.5	.1							106	106	34	
74/ 73		.6	1.8	1.5	2.1	1.6	.6	1.7	.8	.3								110	110	91	
72/ 71	.1	.4	.9	1.1	1.5	1.8	1.9	.9	.4	.1								91	91	114	
70/ 69		.5	.9	1.0	.9	1.4	1.2	.4	.3									66	66	131	
68/ 67		.8	.6	.8	1.4	1.6	.6	.4	.1									63	63	104	
66/ 65		.7	.5	.7	.9	.6	.6	.5	.2									47	47	93	
64/ 63		.3	.6	.3	.2	.3	.4	.3										24	24	104	
62/ 61		.5	.1	.5	.3	.5	.1											20	20	75	
60/ 59		.3	.1	.5	.8	.1												18	18	90	
58/ 57		.2	.1	.1	.3													7	7	61	
56/ 55			.1															1	1	33	
54/ 53		.2																2	2	29	
52/ 51																				20	
50/ 49																			6	47	
48/ 47																				34	
46/ 45																				25	
44/ 43																				14	
42/ 41																				13	
40/ 39																				10	
38/ 37																				7	
36/ 35																				2	
TOTAL	.1	5.1	6.9	10.5	17.1	17.8	15.5	14.0	7.9	4.0	1.0	.2						990	990	990	
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum	3817286	59728	60.3	14.704	990	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb	5641631	74403	75.2	7.104	990			79.2	59.2	26.0	.1	90									
Wet Bulb	4278964	64796	65.5	6.201	990			43.5	11.8			90									
Dew Point	3591453	59077	59.7	8.176	990			20.5	1.4			90									

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

YEARS

JUN
MONTH

PAGE 2 1200-1400

[illegible]

JSAFETAC
FORM
MIL A4
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUN
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				Dry Bulb	Wet Bulb	Dew Point	
98/ 97													.1								1	1		
96/ 95										.2	.1			.2							5	5		
94/ 93									.3	.4	.2	.6	.6	.1							22	22		
92/ 91						.1	.1	.1	.1	.8	.5	.1	.1								19	19		
90/ 89						.3	.3	1.0	1.4	.8	1.4	.9	.2								61	61		
88/ 87						.4	1.8	1.5	2.1	1.6	1.0	.3									83	83		
86/ 85						.8	2.4	1.9	2.1	1.2	.7	.7									94	94		
84/ 83				.2	.8	1.5	1.8	2.4	1.0	1.9	.5	.1	.3								101	101		
82/ 81				.3	.8	1.5	2.2	1.5	1.9	.9	.3	.6									96	96	1	
80/ 79			.2	.2	.8	1.5	1.6	.5	1.4	1.2	1.5	.3									87	87	8	
78/ 77			.1	.7	1.3	.9	.7	1.0	1.3	1.6	1.0										83	83	20	
76/ 75			.5	.5	.4	.9	1.0	1.3	2.1	.9	.4	.2									80	80	63	
74/ 73		.2	.4	.5	.8	.9	.8	1.7	.9	.3											64	64	94	
72/ 71		1.0	.5	.3	.5	.6	.7	.6	.5	.1											48	48	121	
70/ 69		.9	.8	.8	.3	.2	.1	.2	.4	.1											38	38	142	
68/ 67	.1	.2	.3	.2	.2	.4	.2	.2													20	20	98	
66/ 65		.5	.1	.1		.6			.1												14	14	80	
64/ 63		.2	.4		.3	.3															12	12	84	
62/ 61		.3	.5		.2	.3	.3														16	16	80	
60/ 59		.1	.1																		2	2	64	
58/ 57		.4																			4	4	50	
56/ 55		.1																			1	1	28	
54/ 53		.2																			2	2	11	
52/ 51																							6	
50/ 49																							3	
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
32/ 31																								
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

 JUN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-70

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
94/ 93												.1						1	1							
92/ 91											.2							2	2							
90/ 89								.1	.2	.2								5	5							
88/ 87						.1	.3	.5	.6	.3	.2							18	18							
86/ 85				.1	.1	.8	1.7	1.0	.2	.3	.1							38	38							
84/ 83			.1	1.0	1.4	.8	.7	.6	.3	.1								44	44							
82/ 81			.9	.8	1.1	1.7	.6	.8	.3	.1								56	56							
80/ 79		.5	1.5	1.8	2.5	1.1	1.4	1.0	.2	.1								89	89							
78/ 77			1.7	2.6	1.8	1.7	1.1	.8	.1	.1								88	88	4						
76/ 75	.1	2.3	1.9	3.0	.9	.9	1.2	.6	.3	.3								102	102	38	1					
74/ 73	.5	1.9	1.6	1.4	1.0	1.3	1.1	.5	.3									84	84	61	20					
72/ 71	1.1	1.5	1.1	2.2	1.5	1.0	1.0	.6										88	88	104	37					
70/ 69	2.0	1.7	1.9	1.5	1.1	.8	.3	.1	.1									85	85	122	81					
68/ 67	.6	1.0	.7	1.1	.6	.6	.7	.1										47	47	113	97					
66/ 65	2.7	.8	1.1	1.4	.5	.3												60	60	78	108					
64/ 63		.7	.9	.7	.3													23	23	100	87					
62/ 61	.9	.3	.3	.6	.8	.1												27	27	73	65					
60/ 59	.1	.2	.2	.1	.1	.1												8	8	77	69					
58/ 57	.5	.1	.2															7	7	40	62					
56/ 55	.2	.3																5	5	32	71					
54/ 53		.1																1	1	24	35					
52/ 51			.1															1	1	9	39					
50/ 49																				2	37					
48/ 47																				1	17					
46/ 45																				1	17					
44/ 43																						14				
42/ 41																						12				
40/ 39																						6				
38/ 37																						1				
36/ 35																						3				
TOTAL		8.8	11.5	14.4	18.2	14.6	12.5	9.8	6.0	2.7	1.3	.2						879	879	879	879					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3892220		56822		64.6		15.794		879		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb	4885458		65246		74.2		6.950		879						76.5		54.0		22.4		.1		90			
Wet Bulb	3823419		57739		65.7		5.914		379						45.3		10.5						90			
Dew Point	3290156		53332		60.7		7.865		879						24.2		2.2						90			

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

 JUN
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 STATION FORT MEADE MARYLAND/TIPTON AAF STATION NAME 60-66

YEARS

JUL
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION: NAME

60-70

YEARS

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

YEARS

 JUL
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-70

YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point			
98/ 97										.1	.2	.1						3	3					
96/ 95										.1	.3	.1	.4	.1				10	10					
94/ 93								.1	.9	.8	.6	.4	.1					29	29					
92/ 91						.1	.2	.9	1.8	.6	1.2	.2	.1					51	51					
90/ 89						.1	1.5	2.3	2.5	1.2	.7	.2						87	87					
88/ 87					.5	.3	2.0	3.0	1.8	2.1	.5	.6	.1					110	110					
86/ 85		.1	.4	.4	1.5	2.4	2.4	2.2	1.2	1.0	.8	.1						128	128					
84/ 83			.5	.6	2.6	1.9	1.7	2.3	.9	.9	.5	.1						122	122					
82/ 81			.2	.2	1.7	2.5	1.8	2.2	2.1	1.7	1.2	.3						141	141	2				
80/ 79			.3	.4	1.5	1.9	2.1	1.6	1.6	1.4	.5	.2	.2					117	117	15				
78/ 77	.1		.3	.2	.3	.9	1.4	1.2	.6	.5	.2							57	57	59				
76/ 75		.3	.5	.8	1.1	1.1	.9	.8	.2	.1	.2							60	60	126				
74/ 73	.1	.2	.4	1.3	.9	.7	.4	.2	.2	.2								46	46	146				
72/ 71		.4	.7	.9	.4	.2	.2	.2	.2									32	32	143				
70/ 69		.4	.2	.1		.2	.1	.1										11	11	131				
68/ 67		.3	.3	.2				.1										9	9	128				
66/ 65		.4	.4															8	8	116				
64/ 63																				73				
62/ 61		.2																2	2	47				
60/ 59																				21				
58/ 57																				10				
56/ 55																				4				
54/ 53																				2				
52/ 51																								
50/ 49																				40				
48/ 47																				28				
46/ 45																				16				
44/ 43																				6				
42/ 41																				8				
40/ 39																				3				
38/ 37																				6				
TOTAL	.2	2.2	3.3	4.9	7.2	12.0	14.7	16.7	16.4	10.6	7.3	3.3	1.1	.1					1023		1023			
																		1023		1023				
Element (X)	Σ X ²			Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3131038			54594		53.4		14.590		1023		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	7032814			84590		82.7		6.115		1023						92.1		87.4		67.7		3.8		93
Wet Bulb	5007036			71386		69.8		5.009		1023						68.2		31.6		1.2				93
Dew Point	4115564			64440		63.0		7.429		1023						35.0		5.2		.1				93

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70

STATION

STATION NAME

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97											.1	.1									2	2		
96/ 95										.2	.4	.1	.6								14	14		
94/ 93								.2	1.4	.9	.5	.3	.2								35	35		
92/ 91						.1	.2	.8	1.3	.8	.7	.1	.2								42	42		
90/ 89						.5	.7	3.0	2.0	1.5	.7	.3									86	86		
88/ 87				.1	.2	.4	1.3	2.1	1.6	2.1	1.5	.7	.1								101	101		
86/ 85				.2	.3	1.4	2.7	2.2	2.3	1.6	.8	.6	.6	.1							128	128		
84/ 83			.1	.9	.9	2.4	1.2	3.0	2.2	1.8	1.4	.5									134	134		
82/ 81			.2	.5	.7	2.1	1.1	2.2	1.3	2.4	.7	.6	.2								120	120	4	
80/ 79		.1	.1	.5	1.5	1.6	1.6	2.1	1.8	1.1	.3	.2									109	109	16	1
78/ 77			.5	.3	.7	1.1	1.2	.9	.4	.3	.2										56	56	52	10
76/ 75		.2	.6	.9	.6	1.2	1.3	.3	.7	.1											59	59	118	9
74/ 73	.1	.4	.9	1.0	.4	.2	.2	.2		.1											35	35	130	34
72/ 71	.3	.7	1.0	.8	.1					.2											31	31	132	89
70/ 69		.8	.2	.4		.1	.2														17	17	158	108
68/ 67	.1	.2	.3																		6	6	116	124
66/ 65		.2	.1																		3	3	115	90
64/ 63		.2	.2																		4	4	76	100
62/ 61		.1																			1	1	34	97
60/ 59																							22	67
58/ 57																							7	71
56/ 55																							3	49
54/ 53																								38
52/ 51																								33
50/ 49																								22
48/ 47																								13
46/ 45																								7
44/ 43																								7
42/ 41																								9
40/ 39																								5
TOTAL	.5	3.0	4.3	4.8	5.5	11.3	11.9	17.1	15.3	13.4	7.4	3.6	1.9	.1							983	983	983	983
																					983		983	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	3039790		52428		53.3		15.749		983		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	6785798		81448		82.9		6.162		983						92.2		87.1		68.0		4.8		93	
Wet Bulb	4818179		68657		69.8		4.826		983						68.7		30.3		.9				93	
Dew Point	3952542		61906		63.0		7.409		983						35.5		5.1						93	

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-70
YEARSJUL
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1	.1		.1						3	3		
92/ 91								.2	.2	.1	.1							6	6		
90/ 89							.4	.8	.2	.1	.1							15	15		
88/ 87						.6	1.0	.9	.6	.2		.1						30	30		
86/ 85					.7	1.8	1.2	.9	.9	.1	.1	.1						52	52		
84/ 83				.3	1.4	2.1	1.1	1.3	.6	.7	.1		.1					70	70		
82/ 81			.3	1.0	1.9	2.2	1.8	1.2	.9	.8	.2	.1						94	94		
80/ 79		.1	.4	2.3	3.4	2.8	2.5	1.1	1.0	.4	.1	.2						131	131	5	
78/ 77		.4	1.1	2.2	1.4	2.2	1.8	1.5	1.2	.1	.2							111	111	31	4
76/ 75	.3	.1	2.2	3.2	3.0	1.8	1.8	.4	.3	.2								121	121	74	16
74/ 73	.3	1.4	1.3	2.5	1.3	1.5	.8	.7	.2	.2								94	94	117	35
72/ 71		1.8	1.9	1.4	1.3	1.7	.3	.1	.1	.1								79	79	124	101
70/ 69		.8	1.9	1.5	.7	.6	.2	.2										53	53	142	123
68/ 67	.1	.8	1.2	.6	.2	.1												27	27	114	102
66/ 65		.4	.4	.2	.1													11	11	101	107
64/ 63		.1	.2	.1	.3													7	7	100	91
62/ 61		.1		.1														2	2	55	82
60/ 59																				25	67
58/ 57																				11	49
56/ 55																				6	39
54/ 53																				1	30
52/ 51																					27
50/ 49																					11
48/ 47																					6
46/ 45																					5
44/ 43																					5
42/ 41																					4
40/ 39																					2
38/ 37	.8	6.1	11.0	15.6	15.8	17.2	12.9	9.4	6.3	3.2	1.0	.7	.1					906	906	906	906
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ 0																					
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.	4051833		59001		65.1		15.216		906		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	5476126		70248		77.5		5.695		906				90.9	74.6	35.5	.3					93
Wet Bulb	4301947		52277		68.7		4.831		906				62.3	23.3							93
Dew Point	3762507		58057		64.1		6.827		906				39.1	5.6							93

USAFETAC FORM 0-26-5 (O A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-70

JUL
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF

60-66

AUG

STATION STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

[illegible]

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-70

AUG
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (Q1-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-70

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95							.2	.1	.5	.2	.3			.1				6	6			
94/ 93						.2	.1	.5	.2	.6	.2	.1						19	19			
92/ 91						.4	.3	.2	1.2	.2	.5	.1	.5					34	34			
90/ 89					.1	1.0	1.7	2.1	1.3	1.1	1.0	.3	.1	.1				88	88			
88/ 87				.1	.2	.9	1.9	1.5	2.1	1.5	.8	.5	.3					98	98			
86/ 85			.1	.1	.7	2.1	2.3	2.0	2.5	.7	.5							110	110			
84/ 83		.1	1.2	1.5	2.6	1.9	1.5	1.5	3.6	1.5	.7	.1						149	149	2		
82/ 81		.1	.9	1.6	2.3	1.4	2.5	2.3	1.1	.3	.1							126	126	10	1	
80/ 79			.7	.7	1.2	.8	2.5	2.3	1.8	.9								110	110	27	4	
78/ 77		.5	.7	1.1	1.3	1.4	1.4	1.5	.6									85	86	70	13	
76/ 75			.2	.4	.9	.8	1.0	1.5	1.0	.3	.2							63	65	117	42	
74/ 73		.4	.3	.7	.6	.3	.5	1.5	.9	.2								54	54	106	53	
72/ 71		.4	.2	.6		.9	.3	.8	.1									33	33	128	82	
70/ 69		.3	.1	.3	.1	.2	.3	.3										16	16	124	103	
68/ 67	.3	.3	.4		.1		.3	.1										15	15	135	94	
66/ 65		.3	.2	.2			.3											10	10	113	69	
64/ 63			.3	.1														4	4	66	84	
62/ 61																				54	82	
60/ 59																				36	89	
58/ 57																				24	84	
56/ 55																				6	64	
54/ 53																				2	40	
52/ 51																					45	
50/ 49																					25	
48/ 47																					26	
46/ 45																					9	
44/ 43																					5	
42/ 41																					6	
TOTAL	.3	1.7	3.0	5.9	7.9	13.6	16.0	17.8	18.5	8.8	4.1	1.2	1.0	.1				1020	1023	1020	1020	

USAFETAC FORM 0.26-5 (OLA)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-70

 AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-70

AUG
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

JSAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

60-67

SEP
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-69

SEP

PAGE 1 0300-0500
HOURS (L E T)

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT HEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSSEP
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											1	1		
80/ 79			.4	.1	.1	.1												7	7		
78/ 77		.1	.1	.3	.1													6	6		
76/ 75	.1	.7	.6	.1	.3													16	16	7	
74/ 73		1.3	.9	.4	.2	.1												27	27	13	
72/ 71		2.3	.6		.7	.1	.1											34	34	21	
70/ 69	1.2	2.7	1.6	1.7	.7	.1	.2											73	73	52	
68/ 67	.4	2.6	1.6	.4		.2												47	47	37	
66/ 65	.9	3.2	2.6	1.1	.6	.9	.1											84	84	54	
64/ 63	1.1	2.8	2.4	1.6	.7	.7												83	83	70	
62/ 61	.1	3.8	1.7	1.4	.6	.2												70	70	69	
60/ 59	.7	3.6	1.3	.8	.4	.3												64	64	64	
58/ 57	.6	4.6	1.6	.9	.3	.2												73	73	81	
56/ 55	.7	4.1	1.8	.6	.4	.3												71	71	87	
54/ 53	.4	3.3	2.0	.7	.4													62	62	75	
52/ 51	.3	3.4	.7	.9	.2													50	50	56	
50/ 49	.6	3.0	.9	.6														45	45	64	
48/ 47		1.1	1.1	.1														21	21	47	
46/ 45	.1	2.0	.7	.1	.1													27	27	30	
44/ 43		1.0	.3															12	12	29	
42/ 41	.2	.8	.2	.1														12	12	18	
40/ 39		.8																7	7	13	
38/ 37		.6																5	5	6	
36/ 35		.3																3	3	5	
34/ 33																				2	
32/ 31																					
30/ 29																				1	
28/ 27																				1	
TOTAL	7.4	48.0	22.9	11.9	5.9	3.3	.6											900	900	900	

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSSEP
MONTHPAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
90/ 89						.1		.1			.1							3	3						
88/ 87					.1	.4	.6	.1		.1	.1							13	13						
86/ 85					.1	1.0	.6	.2	.1	.2	.2							20	20						
84/ 83				.1	.9	.9	.8	.4	.1	.1	.1							31	31						
82/ 81			.2	.8	.4	1.1	.2	.7	.7	.1								38	38						
80/ 79			.8	1.1	1.1	.9	.7	.3	.2	.2								48	48	2					
78/ 77		.1	.3	.7	1.7	.6	.8	.6	1.0	.2	.1							54	54	16					
76/ 75		.3	1.0	.8	1.0	2.0	.6	.7	.7	.6	.1							69	69	40	11				
74/ 73		1.0	.2	1.4	2.3	1.2	.9	1.3	.7	.2								84	84	32	28				
72/ 71		1.0	1.0	1.8	.9	1.4	1.2	1.0	.4									79	79	59	47				
70/ 69	.1	.9	.7	1.9	1.7	1.7	1.4	.8	.2									84	84	54	37				
68/ 67	.1	1.2	2.3	1.7	1.0	1.6	1.0	.8										87	87	63	44				
66/ 65	.2	.6	1.9	1.8	1.3	1.6	1.1	.6	.2									83	83	94	51				
64/ 63	.3	.6	.8	1.0	1.2	1.0	.4	.3										51	51	82	62				
62/ 61		1.3	.6	1.3	.9	.8	.8	.1										52	52	80	76				
60/ 59		.4	.1	.6	1.2	.2	.6											28	28	96	63				
58/ 57		.8	.6	.3	.2	1.0	.3											29	29	82	80				
56/ 55		.7	.7	.4	.3	.3	.2											24	24	56	44				
54/ 53		.4	.4	.2	.2	.3												15	15	54	59				
52/ 51		.6	.2															7	7	31	60				
50/ 49						.1												1	1	31	65				
48/ 47																				18	39				
46/ 45																				5	43				
44/ 43																				4	31				
42/ 41																				1	12				
40/ 39																					6				
38/ 37																					28				
36/ 35																					7				
34/ 33																					1				
32/ 31																					3				
30/ 29																					2				
28/ 27																					1				
TOTAL	.8	9.9	11.8	15.9	16.7	18.2	12.1	8.0	4.3	1.6	.8							900	900	900	900				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	4020827		58351		64.8		16.260		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4511866		63308		70.3		8.076		900				61.0	36.0	13.1				90						
Wet Bulb	3550685		56125		62.4		7.507		900				26.6	9.0					90						
Dew Point	3020076		51396		57.1		9.729		900				.6	16.7	3.9				90						

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSSEP
MONTHPAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL																																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																																							
96/ 95									.1									1												1	1																																												
94/ 93										.1		.2						4												4	4																																												
92/ 91							.2	.8	.2	.4	.1	.1	.1	.2				20												20	20																																												
90/ 89							.6	1.0	.9	.1	.6	.1		.2				31												31	31																																												
88/ 87						.3	1.2	1.0	.7	.2	.3	.2	.1					37												37	37																																												
86/ 85					.3	1.1	.8	.4	.4	1.1	.2	.1						41												41	41																																												
84/ 83			.1	.1	.6	.6	1.3	1.4	.4	.6	.4	.2						52												52	52																																												
82/ 81			.1	.7	1.0	1.2	1.4	.6	1.3	.4	1.0	.2						72												72	72																																												
80/ 79		.1	.3	.8	.6	1.0	1.8	1.0	1.6	1.6	.8							85												85	85	4																																											
78/ 77			.7	.6	.6	.9	1.2	.7	1.1	.7	.6	.1						63												63	39	1																																											
76/ 75		.1	.6	.4	.9	2.0	2.2	1.1	.7	1.6								86												86	39	5																																											
74/ 73		.2	.4	.3	1.7	1.0	2.0	1.3	.9	.4	.2							77												77	61	33																																											
72/ 71			.2	1.2	1.0	1.6	1.6	.9	.8	.2								67												67	56	51																																											
70/ 69		.2	.3	.9	.4	.9	.7	1.8	1.0	.1								57												57	56	32																																											
68/ 67	.1	.7	.7	.7	.4	.7	.8	1.0	.3									48												48	71	56																																											
66/ 65		.8	.2	1.1	.7	.8	.9	1.0	.1									50												50	108	51																																											
64/ 63		.2	.4	.7	.6	.3	1.3	.1										33												33	86	49																																											
62/ 61		.6	.2	.4	.7	.3	.2	.3										25												25	80	71																																											
60/ 59		.6	.2	.1	.6	.7	.1											20												20	83	56																																											
58/ 57		.8	.1		.1	.1	.4	.2										16												16	58	74																																											
56/ 55		.7																6												6	57	56																																											
54/ 53		.7	.2															8												8	41	65																																											
52/ 51		.1																1												1	29	56																																											
50/ 49																															21	39																																											
48/ 47																															4	47																																											
46/ 45																															5	41																																											
44/ 43																															2	39																																											
42/ 41																																21																																											
40/ 39																																18																																											
38/ 37																																15																																											
36/ 35																																12																																											
34/ 33																																3																																											
32/ 31																																5																																											
30/ 29																																2																																											
Element (X)	Σ x ²					Σ x					x̄					σ _x					No. Obs.					Mean No. of Hours with Temperature																																																	
Rel. Hum.																										≤ 0 F					≤ 32 "					> 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total																			
Dry Bulb																																																																											
Wet Bulb																																																																											
Dew Point																																																																											

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FURT MEADE MARYLAND/TIPTON AAF 60-69

SEP

STATION

STATION NAME

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-67

SEP
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26 / 25 TOTAL	.6	6.0	5.3	9.4	9.6	12.2	17.1	16.4	10.8	5.5	3.0	2.5	1.0	.3	.3				872		872
																		872		872	
																</					

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-69

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
88/ 87						.1		.1	.1	.1	.1							5	5			
86/ 85				.1	.4	.1		.1			.1							7	7			
84/ 83				.2	.4	.1	.2	.2			.1							12	12			
82/ 81				.9	.4	.6	.1	.2	.1	.1			.1					20	20			
80/ 79		.1	1.4	1.1	.6	.9	.2	.1	.1	.4	.2							42	42	1		
78/ 77		.2	1.4	1.2	.9	.5	.2	.2	.2	.5	.2							46	46	7		
76/ 75	.1	.7	1.1	2.0	1.1	.5	.6	.2	.2									54	54	28	7	
74/ 73		.7	1.4	1.6	1.8	.4	.4	.2	.2									55	55	31	36	
72/ 71		1.0	1.7	1.7	1.2	.9	.2	.4	.2	.1								61	61	50	23	
70/ 69	.2	1.1	2.2	1.2	1.4	1.2	.7	.2										68	68	59	39	
68/ 67	.9	1.6	1.8	.9	1.4	.7	.5	.2										65	65	64	54	
66/ 65	.1	.9	2.5	1.6	1.1	1.0	.5	.2	.1									65	65	60	69	
64/ 63	.2	2.5	2.7	1.6	1.0	.2	.2	.1										70	70	66	48	
62/ 61	.2	1.5	1.8	2.1	1.5	.4	.1											62	62	82	60	
60/ 59	.4	1.8	1.0	1.2	1.1		.1											46	46	82	67	
58/ 57	.4	3.1	.7	1.5	.4	.1	.1	.1										52	52	68	54	
56/ 55	.1	1.5	.9	.9		.2												30	30	78	71	
54/ 53	.1	.9	.6		.2	.1												16	16	40	60	
52/ 51	.1	.4	.7	.5														14	14	40	59	
50/ 49		1.0	.4	.1		.1												13	13	23	35	
48/ 47	.1	.4	.4	.1														8	8	13	39	
46/ 45																				13	42	
44/ 43																				4	21	
42/ 41		.1																1	1	1	7	
40/ 39																				2	3	
38/ 37																					10	
36/ 35																					4	
30/ 29																					2	
28/ 27																					1	
26/ 25																					1	
TOTAL	3.1	19.5	22.7	20.6	14.9	8.3	4.4	3.0	1.5	1.2	.9		.1					812	812	812	812	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	4641189		60019		73.9		15.894		812		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	3747498		54728		67.4		8.521		812						48.2		26.7		6.3		90	
Wet Bulb	3141508		50128		61.7		7.605		812						26.6		7.4				90	
Dew Point	2803438		47144		58.1		9.042		812						.4		17.6		4.8		90	

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF
STATION STATION NAME

60-69

SEI

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

60-65

QCT
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSOCT
MONTHPAGE 1 0300-0300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.2				.2												2	2	1	1
68/ 67				.2	.2	.2												3	3		
66/ 65	.2	.3	.6															7	7	2	2
64/ 63		1.4	.2	.3														12	12	3	
62/ 61		1.5	.6	.8	.2													20	20	16	10
60/ 59	.6	3.1	.2	.3	.5													30	30	19	17
58/ 57	.2	1.5	.9	.2														18	19	28	20
56/ 55	1.1	2.9	1.2	.6		.2												39	39	23	24
54/ 53	.6	3.6	1.4	.3	.5													41	41	36	30
52/ 51	1.4	3.1	1.7	.3	.2	.2	.2											45	45	40	37
50/ 49	1.1	4.3	1.1	.3		.2												45	45	51	34
48/ 47	.6	4.2	.6	.5														39	39	42	43
46/ 45	1.1	4.3	.5	.3	.3													42	42	43	48
44/ 43	1.4	4.5	1.5	.5														51	51	49	48
42/ 41	1.1	3.2	.5	.2	.6													36	36	39	33
40/ 39	1.9	4.3	.9	.5	.5													52	52	50	45
38/ 37	.8	4.6	.5															37	37	33	36
36/ 35	.8	3.9	.5															33	33	40	42
34/ 33	1.1	3.4	.9															35	35	41	48
32/ 31	.2	2.5	.3															19	19	27	25
30/ 29	.6	2.3	.3															21	21	24	31
28/ 27	.5	1.2	.2															12	12	17	21
26/ 25	.2	.5																4	4	12	18
24/ 23	.2																	1	1	1	14
22/ 21		.3																2	2	1	6
20/ 19	.2																	1	1	2	3
18/ 17																					6
16/ 15																					3
TOTAL	15.6	61.2	14.4	5.1	2.8	.8	.2											647	648	647	647
Element (X)	Σx^2		Σx		\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel Hum.	4938091		56027		86.6	11.634	647		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb	1412469		29577		45.6	9.826	648			8.6	.7				93						
Wet Bulb	1296408		28304		43.7	9.492	647			12.1	.1				93						
Dew Point	1189370		26924		41.6	10.332	647			18.3	.1				93						

USAFETAC FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT HEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSOCT
MONTHPAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.2																	2	2				
70/ 69	.1	.3		.1	.1														6	6	3	3		
68/ 67			.1	.2		.2													5	5	3	3		
66/ 65	.4	.8	.4			.1													16	16	8	4		
64/ 63	.1	1.0	.7	.3															19	19	11	9		
62/ 61	.2	2.3	.5	.4	.1														33	34	23	10		
60/ 59	.5	2.2	.9	.4	.3	.2													42	44	31	35		
58/ 57	.4	3.9	1.3	1.0	.3														64	64	38	27		
56/ 55	.3	2.1	1.4	.8		.2													44	44	52	40		
54/ 53	1.3	3.2	2.1	1.1	.8														77	77	50	43		
52/ 51	1.3	2.9	1.4	.5	.4		.2												63	63	72	62		
50/ 49	.3	3.5	2.2	1.1	.2	.1													58	68	53	36		
48/ 47	.7	3.8	1.4	.2	.4														60	60	69	62		
46/ 45	.2	4.1	1.2	.5	.4														60	60	72	64		
44/ 43	.7	3.3	1.5	.8	.2														59	59	65	70		
42/ 41	.5	2.1	1.1	.5	.2														41	41	50	48		
40/ 39	.8	3.8	.7	.4	.4														56	56	53	55		
38/ 37	.4	3.5	.4	.3															43	43	53	45		
36/ 35	.4	3.5	.5																41	41	49	51		
34/ 33	.3	3.3	.8	.1															41	41	47	56		
32/ 31	.7	2.4																	28	28	43	48		
30/ 29	.4	2.4	.1																27	27	34	43		
28/ 27	.2	1.1	.2																14	14	25	33		
26/ 25	.2	.4																	6	6	6	24		
24/ 23	.1																		1	1	6	19		
22/ 21	.1	.2																	3	3	2	12		
20/ 19	.1																		1	1	2	11		
18/ 17																						3		
16/ 15																						4		
TOTAL	11.0	56.1	18.9	8.9	4.0	.9	.2												920		920	920		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	6564734		76858		83.5		12.514		920		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2152427		43577		47.2		10.154		923			8.1	1.3				93							
Wet Bulb	1937951		41231		44.8		9.903		920			11.9	.6				93							
Dew Point	1744636		38780		42.2		10.939		920			19.9	.6				93							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

60-69

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83									.1										1	1				
82/ 81									.2										3	3				
80/ 79									.2										2	2				
78/ 77								.2	.3	.3									8	8				
76/ 75				.4	.2	.2	.3	.1	.1	.1	.1								15	15				
74/ 73			.1	.2	.1	.6	.5	.3	.1	.1									20	20				
72/ 71		.2	.2	.5	.4	.9	.6	.4	.1										32	32	3			
70/ 69	.1	.2	.2	.8	.6	1.5	.6	.2	.4										44	44	7	3		
68/ 67	.2	1.0	.4	.8	1.7	1.5	.3	.5	.1										61	61	15	7		
66/ 65		.6	1.0	1.7	1.2	.8	1.1	.4	.3										66	66	29	15		
64/ 63		1.4	1.3	2.2	1.1	1.2	.9	.3											77	77	30	15		
62/ 61	.3	1.5	1.1	1.3	2.0	1.5	1.6	.5	.1										93	93	69	28		
60/ 59	.3	1.7	.5	1.9	1.8	.8	1.2	.3											80	80	86	39		
58/ 57		1.6	1.5	1.5	1.0	1.7	1.4	.5											86	86	74	45		
56/ 55		.3	.6	1.8	1.5	1.1	.5												55	55	62	77		
54/ 53		.9	1.4	1.7	2.0	2.0	.6												81	81	89	54		
52/ 51		.9	1.0	2.2	1.1	1.3	.2												61	61	65	58		
50/ 49		1.1	.8	1.3	1.5	1.3	.2												57	57	74	61		
48/ 47		.2	.2	1.4	.5	.2													24	24	87	50		
46/ 45		.3	.9	.5	.4	.8													27	27	71	58		
44/ 43		.1	.4	.1	.4	.3													13	13	60	94		
42/ 41				.1	.3														4	4	44	57		
40/ 39		.2	.2	.3	.3														10	10	22	57		
38/ 37			.1	.1	.1														3	3	12	40		
36/ 35		.2		.1															3	3	13	56		
34/ 33				.1															1	1	9	40		
32/ 31																					4	31		
30/ 29																					2	20		
28/ 27																						20		
26/ 25																						12		
24/ 23																						7		
22/ 21																						10		
20/ 19																						5		
18/ 17																						7		
Element (X)	Σ X ²				Σ X				Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-69

767
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

STATION

FORT MEADE MARYLAND/TIPTON AAF

STATION NAME

60-69

YEARS

OCT

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point			
88/ 87										.1	.1									2	2						
86/ 85										.4	.3									7	7						
84/ 83										.3										3	3						
82/ 81					.1	.1			.6	.5	.2		.1							16	16						
80/ 79					.4	.3	.6	.3	.8	.3	.3	.1	.2							31	31						
78/ 77					.6	.3	.5	.9	.6	.8	.3	.2								40	40						
76/ 75				.4	.3	.5	1.0	.8	1.0	.5	.1	.1								44	44						
74/ 73			.3	.1	.5	.4	.9	1.4	1.1	.4	.3									51	51	3					
72/ 71			.3	.4	1.1	1.9	1.4	1.5	1.0	.8										78	78	4					
70/ 69	.1	.6	.3	.9	1.0	1.2	1.4	1.5	.6	.5	.2									78	78	18	5				
68/ 67	.1	.4	.4	.5	1.0	.6	1.4	.5	.6	.5										58	58	29	17				
66/ 65		.3	.8	.9	1.0	1.1	1.6	2.2	1.6											87	87	51	13				
64/ 63		.6	.2	1.1	1.4	1.1	1.0	1.8	1.0											76	76	54	12				
62/ 61		.6		.3	1.0	.8	1.2	2.5	.3											62	62	82	39				
60/ 59	.1	1.1		.3	.6	1.3	2.0	1.9	.2											72	72	82	34				
58/ 57		.2		.6	.2	1.7	1.5	1.5												54	54	74	50				
56/ 55		.1	.2	.5	.5	1.0	1.1	.2												34	34	76	54				
54/ 53	.1	.8	.3	.5	.4	1.5	1.6													49	49	69	51				
52/ 51	.1	.5	.1	.5	1.3	.3	.8	.1												35	35	74	55				
50/ 49		.8	.1	.1	.4	.9	.4													25	25	77	56				
48/ 47				.2			.1	.4												11	11	74	55				
46/ 45		.1	.2		.3	.3														9	9	58	55				
44/ 43					.1	.2														3	3	50	38				
42/ 41					.2	.1														3	3	21	47				
40/ 39																						14	46				
38/ 37		.2																		2	2	8	46				
36/ 35																						7	66				
34/ 33																						4	48				
32/ 31																						1	40				
30/ 29																							25				
28/ 27																							31				
26/ 25																							16				
24/ 23																							6				
22/ 21																							9				
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

YEARS

60-65

QCT
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSOCT
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
88/ 87										.1	.1							2	2								
86/ 85									.1	.2	.2							5	5								
84/ 83								.2		.2	.1							5	5								
82/ 81						.2	.1		.7	.7	.1			.1				17	17								
80/ 79					.2	.2	.6	.8	.3	.1	.2		.1	.2				25	25								
78/ 77					.2		.2	.3	.4	.6			.1					17	17								
76/ 75				.6	.8	.4	.8	.9	.8	.1	.4							43	43								
74/ 73			.1	.1	.6	.6	1.6	1.4	.8	.3	.2							51	51								
72/ 71	.4	.2	.8	1.1	1.8	1.6	1.8	1.3	.6	.3	.1							90	90	6							
70/ 69	.6	.9	.9	.9	.8	1.8	1.4	.4	.3									72	72	23	6						
68/ 67	.4	.2	.9	.7	1.8	.7	.8	.7	1.1									65	65	23	12						
66/ 65	.6	.6	.6	.8	1.2	1.2	1.9	1.2										72	72	56	15						
64/ 63	.6	.1	1.1	1.1	.7	.6	1.6	.8										58	58	63	28						
62/ 61	.9	.4	.8	1.0	1.1	1.7	2.0	.6										76	76	55	29						
60/ 59	.6	.1	.4	.7	1.3	2.2	1.2	.1										60	60	78	35						
58/ 57	.2		.8	1.1	1.3	1.9	.9											56	56	78	52						
56/ 55	.2	.2	.4	.4	.3	1.6	1.1	.2										41	41	77	48						
54/ 53	.1	.9	.8	.6	1.1	1.4	1.8	.2										62	62	46	42						
52/ 51	.4	.3	.3	.1	1.0	.7	1.0	.3										38	38	82	58						
50/ 49	.3	.1	.1	.8	.3	.2	.1											18	18	83	53						
48/ 47		.4	.3			.4												11	11	64	61						
46/ 45			.2	.1		.3	.1											7	7	64	53						
44/ 43				.1	.1	.2												4	4	40	31						
42/ 41		.2				.1												3	3	28	44						
40/ 39					.2													2	2	14	48						
38/ 37																				11	40						
36/ 35																				3	49						
34/ 33																				4	45						
32/ 31																				2	57						
30/ 29																					21						
28/ 27																					25						
26/ 25																					12						
24/ 23																					8						
22/ 21																					9						
Element (X)	Σ X ²				Σ X				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIO

FORT MEADE MARYLAND/TIPTON AAF

60-69

OCT

STATION

STATE NAME

YEARS

0.5
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSOCT
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
78/ 77						.1													1	1			
76/ 75				.1	.1	.1													3	3			
74/ 73	.1		.4		.7		.1												11	11	1	1	
72/ 71	.1	.5	.6	.2	.4	.2	.1												18	18	2	2	
70/ 69		.4	.6	.6	.7	.4	.1	.2											25	25	9	3	
68/ 67		.7	1.4	1.0	1.0	.4		.4		.2	.1								43	43	11	9	
66/ 65	.1	1.3	1.1	1.0	.6	.6	.2	.2	.2										45	45	26	11	
64/ 63	.1	2.3	1.4	1.2	1.2	.2	.2												56	56	37	14	
62/ 61		1.8	1.9	.5	.6	.6	.1												46	46	41	49	
60/ 59	.2	1.6	1.2	2.1	.4	.5	.1	.1											51	51	54	20	
58/ 57	.2	1.6	1.9	2.4	.6	.5	.1	.2											63	63	48	56	
56/ 55	.1	1.4	2.1	1.4	1.1	.6	.1												57	57	49	47	
54/ 53	.1	2.5	2.4	.8	.8	.6	.1												62	62	54	33	
52/ 51	.5	2.1	1.8	2.2	.7	.6	.1												66	66	78	47	
50/ 49	1.2	1.8	2.3	.8	1.8	.5													70	70	74	69	
48/ 47	.4	1.6	1.9	1.7	1.3	.6													62	62	51	67	
46/ 45	.1	2.5	.8	1.2	.6	.2													46	46	63	49	
44/ 43	.1	1.3	1.7	.5	.6	.1													36	36	60	44	
42/ 41	.1	1.0	1.1	.6	.1	.2													26	26	57	58	
40/ 39	.1	.7	1.1	.4	.1														20	20	41	45	
38/ 37		.4	.6	.1	.2														11	11	31	25	
36/ 35		.2	.1	.2															5	5	19	43	
34/ 33		.1	.1																2	2	10	39	
32/ 31		.1																	1	1	6	33	
30/ 29			.2																2	2	4	12	
28/ 27																						16	
26/ 25																					2	11	
24/ 23																						4	
22/ 21																						9	
20/ 19																						3	
18/ 17																						3	
16/ 15																						3	
14/ 13																						3	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIO PREVIOUS EDITIONS BY THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

60-67

OCT
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME60-69
YEARSOCT
MONTHPAGE 1 2100-2300
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73		.1				.1												2	2					
72/ 71		.3	.1	.1														4	4	2	2			
70/ 69		.5	.3	.4	.1													10	10	3	1			
68/ 67		.3	.5	.4			.1				.3							12	12	6	3			
66/ 65		1.2	1.3	.4	.4	.3		.1										28	28	8	6			
64/ 63		1.7	.8	.5	.1	.1	.4		.1									29	29	15	9			
62/ 61	.5	2.5	.5	.8	.4													36	36	32	26			
60/ 59	.7	1.9	1.1	.7	.5		.1	.1										38	38	29	22			
58/ 57	.1	2.0	1.3	.4	.3	.1												32	32	35	37			
56/ 55	.7	2.1	1.2	.8	.3	.4	.3											43	43	39	24			
54/ 53	.4	3.6	1.3	.4	.5	.7												52	52	37	38			
52/ 51	.7	3.3	1.7	.5	.4	.1												51	51	49	43			
50/ 49	2.1	4.1	1.2	.4	.5													63	63	59	49			
48/ 47	1.1	4.1	.7	.1	.1	.1												47	47	68	60			
46/ 45	.9	5.3	1.1	.5	.3	.1												62	62	59	57			
44/ 43	.8	4.3	.9	1.1	.4													56	56	61	41			
42/ 41	.7	3.3	1.2	.9	.3													48	48	48	52			
40/ 39	.4	3.7	1.5	.7	.3													49	49	45	48			
38/ 37	.5	3.3	.4	.1	.1													34	34	54	40			
36/ 35		2.3	.8	.1														24	24	42	42			
34/ 33		1.2	.4	.3														14	14	22	45			
32/ 31	.1	.7																6	6	18	29			
30/ 29		.7																5	5	11	23			
28/ 27	.1	.1																2	2	3	20			
26/ 25		.3																2	2	1	11			
24/ 23																				2	5			
22/ 21																					5			
20/ 19																					4			
18/ 17																					4			
16/ 15																					3			
TOTAL	9.9	53.1	18.4	9.7	4.8	2.3	1.1	.3	.1		.3							749	749	749	749			
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum	5219069		61559		82.2		14.609		749		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	1926162		37310		49.8		9.509		749			1.9	3.5	.2							93			
Wet Bulb	1720861		35241		47.1		9.159		749			4.3	1.4								93			
Dew Point	1541747		33049		44.1		10.565		749			12.9	.7								93			

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

STATION

FORT MEADE MARYLAND/TIPTON AAF

STATION NAME

59-65

YEARS

NDV

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.7															4	4		
66/ 65		.3				.2												3	3	1	
64/ 63		.2	.3		.2													4	4	5	1
62/ 61		.3	.2	.3	.3	.5												10	10	1	5
60/ 59	.3	1.2	.3	.2		.2	.2											14	14	9	7
58/ 57	.2	.7	1.0	.2			.5											15	15	9	6
56/ 55	.3	1.2	.5			.2	.2											14	14	13	8
54/ 53	.2	1.9	.7	1.0	.2	.5	.2											27	27	20	11
52/ 51	.7	.7	.8	.3	.5	.5												21	21	16	21
50/ 49	.3	1.7	.8	1.0	.5													26	26	18	16
48/ 47	.3	2.0	.8	1.0		.3												27	27	24	14
46/ 45		.7	1.2	1.4	.2	.2												21	21	24	20
44/ 43		3.4	1.5	.3	.7	.5												38	38	21	12
42/ 41	1.0	2.4	2.2	1.0	.3													41	41	49	21
40/ 39	1.0	4.1	1.2	.5														40	40	40	35
38/ 37	.7	2.2	1.2	.5	.7													31	31	40	26
36/ 35	.5	5.6	2.2	2.0	.2													62	62	42	46
34/ 33	.8	7.1	2.5															62	62	52	60
32/ 31	.5	4.6	1.5															39	39	63	38
30/ 29	.3	4.2	.3															29	29	55	50
28/ 27	1.2	4.1	.3	.2														34	34	37	44
26/ 25	.2	1.9	.8															17	17	24	35
24/ 23	.2	.5	.7	.2														9	9	13	37
22/ 21																				5	33
20/ 19																				5	12
18/ 17		.2																1	1	1	11
16/ 15	.3																	2	2	2	6
14/ 13																					6
12/ 11																					4
8/ 7																					2
6/ 5																					2
4/ 3																					1
0/ -1																					1
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature								Total		
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-63

NOV
MONTH

PAGE 2

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HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HOURS (L, S, T)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-65

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MON

YEARS

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1														1	1			1			
68/ 67		.2	.2		.1													5	5			5			
66/ 65			.1	.1														7	2	3		7			
64/ 63		.3	.2	.2														7	7	3	2	7			
62/ 61		.2		.2														4	4	4	6	4			
60/ 59	.2	.2	.4	.2		.1												11	11	7	6	11			
58/ 57	.1	1.1		.1	.2	.3												17	17	10	5	17			
56/ 55	.8	1.2	.5	.8	.5													35	35	19	13	35			
54/ 53	.8	1.7	1.3	1.6	.3	.1												54	54	26	25	54			
52/ 51	.3	1.2	.8	1.2	.3													35	35	24	21	35			
50/ 49	.2	1.2	.6	.5	.8	.1												32	32	33	18	32			
48/ 47	.5	.3	1.4	1.1	1.0	.2												42	42	51	28	42			
46/ 45		2.4	.8	1.5	.3													46	46	21	21	46			
44/ 43	.2	1.9	2.5	.6	.8													56	56	56	26	56			
42/ 41	.1	1.7	1.3	1.0	.1													39	39	45	43	39			
40/ 39	.6	2.9	.8	1.4	.4													57	57	62	34	57			
38/ 37	.2	2.7	1.8	1.8	.1													62	62	47	54	62			
36/ 35	.8	3.5	2.2	1.7	.1													76	76	63	60	76			
34/ 33	.3	3.8	1.5	1.8	.2													71	71	74	58	71			
32/ 31	.9	5.0	1.6	.8														76	76	85	49	76			
30/ 29	.5	4.5	1.1	.2														62	62	87	66	62			
28/ 27	.4	3.0	.4															36	36	66	79	36			
26/ 25	.5	3.2	.3															38	38	46	47	38			
24/ 23	1.1	1.9	.1															29	29	46	69	29			
22/ 21	.6	1.2	.4															21	21	25	51	21			
20/ 19		.2																2	2	10	55	2			
18/ 17	.2	.5																7	7	7	31	7			
16/ 15		.2																2	2	5	25	2			
14/ 13	.2																	2	2	2	12	2			
12/ 11																					8				
10/ 9																					10				
8/ 7																					3				
6/ 5																					1				
4/ 3																					1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

93733	FURT MEADE MARYLAND/TIPTON AAF
STATION	STATION NAME

59-69

NQV

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
76/ 75					.2			.1										3	3													
74/ 73					.1		.1											2	2													
72/ 71				.3	.1				.1									5	5													
70/ 69			.1						.2									3	3													
68/ 67			.1			.1			.1									3	3	4												
66/ 65		.1	.1		.1		.1	.3	.1									8	8	4	2											
64/ 63		.4	.3	.3	.4	.1	.4	.1										20	20	2	4											
62/ 61		.8	.3	.2	.4	.1	.1	.3										22	22	11	8											
60/ 59	.1	1.0	.3	.7	.3	1.2	.6											41	41	12	9											
58/ 57	.2	1.2	.9	.5	2.3	1.2	.4											64	64	19	12											
56/ 55		1.5	.9	.5	2.1	.9		.1										58	58	25	15											
54/ 53	.2	.3	1.8	.7	2.0	1.2	.4	.3										63	63	36	22											
52/ 51	.1	.8	1.2	1.8	1.3	1.0	.4											63	63	40	27											
50/ 49	.4	.8	2.3	1.7	2.5	1.6	.1											90	90	67	23											
48/ 47		.9	1.4	1.8	1.8	.6												62	62	70	20											
46/ 45	.1	2.2	1.8	2.0	2.2	.8												87	87	76	29											
44/ 43		1.4	2.5	2.3	2.8	.3												89	89	78	41											
42/ 41		.6	1.4	1.3	1.9	.4												53	53	89	84											
40/ 39		1.3	1.7	2.3	1.9	.2												70	70	95	64											
38/ 37	.1	.7	1.4	1.4	1.2	.1												46	46	72	57											
36/ 35		1.3	1.6	1.4	.6													46	46	72	65											
34/ 33	.1	1.0	1.5	.5	.1													31	31	57	68											
32/ 31	.2	.4	.3	.1														10	10	64	57											
30/ 29		.4	.1	.2														7	7	33	54											
28/ 27		.1	.1	.2														4	4	16	59											
26/ 25		.1		.1														2	2	4	57											
24/ 23			.1															1	1	3	43											
22/ 21			.1															1	1	3	42											
20/ 19																				2	24											
18/ 17																					15											
16/ 15																					18											
14/ 13																					10											
12/ 11																					5											
10/ 9																					4											
Element (X)	ΣX ²			ΣX			̄X	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733	FORT MEADE MARYLAND/TIPTON AAF	59-69
STATION	STATION NAME	

NOV
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

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STATION

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PAGE 1

1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
84/ 83								.1										1	1	
80/ 79							.1	.1	.1									3	3	
78/ 77						.2												2	2	
76/ 75					.2			.2										4	4	
74/ 73					.2				.1	.3								6	6	
72/ 71				.2		.2	.2	.4	.8	.3								21	21	
70/ 69				.2		.4	.2	.3	.3	.1								15	15	2
68/ 67			.3	.1	.3	.2	.4	.6	.2	.2								23	23	5
66/ 65			.5	.4	.7	.5	.5	.5	1.0									41	41	5
64/ 63			.2	.2	.6	.6	.6	1.3	.3									37	37	8
62/ 61	.1	1.0	.2	.4	.8	.8	1.3	1.0	.1	.2								58	58	14
60/ 59		.4	1.0	.7	.9	1.8	1.4	.8	.2									70	70	26
58/ 57		.4	.5	.9	1.0	2.6	.6	1.0	.1									70	70	28
56/ 55	.1	1.2	.6	1.0	1.5	1.5	1.2	.7										74	74	53
54/ 53	.1	.6	.9	1.3	1.5	1.8	2.3	.2										83	83	54
52/ 51			1.5	.8	1.7	1.8	1.5											69	69	56
50/ 49			1.5	.7	1.9	3.1	.6											75	75	83
48/ 47		.9	.4	.8	2.1	2.9	.1											70	70	91
46/ 45	.2	.2	.3	1.4	2.5	1.7	.2											64	64	76
44/ 43		.3	.7	1.3	1.8	1.4												52	52	67
42/ 41		.2	.6	.9	1.8	.8												42	42	85
40/ 39		.2	.6	.9	1.2	.1												29	29	93
38/ 37		.1	.3	.3	.7	.7												21	21	67
36/ 35		.3	.1	.3	.3													10	10	50
34/ 33		.3	.1	.1	.1													6	6	40
32/ 31	.1	.2		.1	.2													6	6	23
30/ 29																				17
28/ 27			.2															2	2	5
26/ 25																				4
24/ 23																				2
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69

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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSNOV
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
82/ 81									.2									2	2													
80/ 79									.1									1	1													
78/ 77					.1			.1										2	2													
76/ 75						.1												1	1													
74/ 73					.3			.1		.1								3	5													
72/ 71				.2	.1	.2	.2	.2	.2	.5								16	16													
70/ 69	.1			.2	.1	.3	.1	.4	.3	.3								18	18	2												
68/ 67			.3	.1	.2	.2	.7	.2	.2	.2								21	21	4	1											
66/ 65		.2	.4	.4	.5	.4	.6	.5	.6									36	36	5	1											
64/ 63		.3	.1	.5	.8	.4	1.0	.7	.5									43	43	11	4											
62/ 61	.1	.8	.3	.7	.4	1.4	.6	.4	.1	.2								49	49	15	13											
60/ 59		.2	.8	1.6	.7	1.5	.9	.6	.3	.2								66	66	21	10											
58/ 57		1.0	.7	.8	.5	2.2	.8	.4										63	63	22	8											
56/ 55		.8	.3	1.7	1.0	2.3	1.3	.6										77	77	62	16											
54/ 53		.2	.8	.9	1.7	1.8	1.8	.3										72	72	52	41											
52/ 51	.2	.5	.8	.7	1.2	2.1	1.6											68	68	50	24											
50/ 49		.4	1.2	.9	2.1	2.6	.9											78	78	78	28											
48/ 47	.2	1.5	.5	.9	2.8	2.2	.2											80	80	70	41											
46/ 45		.2	.6	1.0	2.6	1.5	.2											59	59	79	35											
44/ 43		.3	1.3	1.3	2.4	1.8	.1											68	68	70	53											
42/ 41		.2	.7	1.5	1.8	.4												44	44	85	53											
40/ 39		.3	.7	1.4	.9	.2												34	34	93	40											
38/ 37		.2	.2	.5	.4	.7												20	20	77	54											
36/ 35		.3	.1	.2	.8													14	14	64	48											
34/ 33			.2		.4													6	6	37	67											
32/ 31		.3		.3														6	6	21	54											
30/ 29		.3		.2														5	5	15	51											
28/ 27																				13	48											
26/ 25																				6	73											
24/ 23																				2	54											
22/ 21																					35											
20/ 19																					22											
18/ 17																					25											
16/ 15																					19											
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total														
Rel. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

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USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSNDV
MONTHPAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71			.1															1	1						
70/ 69			.1	.7	.1													8	8						
68/ 67			.2	.2	.6													9	9		1				
66/ 65			.3	.2				.1	.1									8	8		1				
64/ 63				.1	.1		.2	.2										6	6	12	2				
62/ 61		.5	.4		.1	.5	.1	.2	.1									16	16	2	8				
60/ 59	.1	.5	.8	1.3	.1	.2	.2	.1										29	29	17	11				
58/ 57		.6	1.2	1.0	.4	.1												27	27	6	5				
56/ 55		1.6	1.7	.8	.4	.1	.2	.1										41	41	16	11				
54/ 53	.2	.5	1.2	1.6	1.0	.1	.1											39	39	41	18				
52/ 51	.1	.7	1.6	.7	1.1	.1												36	36	34	21				
50/ 49	.2	1.6	1.2	1.9	1.8	.8	.5											67	67	37	39				
48/ 47	.7	2.4	1.0	2.3	2.3	.5	.2											78	78	50	31				
46/ 45	.1	1.3	2.1	2.2	1.7	.6	.1											67	67	53	37				
44/ 43	.1	.8	2.7	1.5	.8	.4	.1											53	53	49	26				
42/ 41	.5	1.1	3.2	2.1	1.3													67	67	66	43				
40/ 39		1.5	2.8	2.7	1.0													65	65	76	32				
38/ 37	.1	1.8	3.2	2.4	.4													65	65	79	48				
36/ 35	.1	1.2	1.8	1.5	.4													41	41	71	57				
34/ 33		1.3	1.8	.6	.4													34	34	67	56				
32/ 31	.1	1.7	1.0	.8	.1													31	31	53	64				
30/ 29		.5	1.5	.4	.2													21	21	38	48				
28/ 27		.5	.2	.5														10	10	22	52				
26/ 25		.2	.1	.1														4	4	16	61				
24/ 23		.1	.1															2	2	10	30				
22/ 21																				7	31				
20/ 19																					34				
18/ 17																					17				
16/ 15																					13				
14/ 13																					2				
12/ 11																					7				
10/ 9																					9				
8/ 7																					6				
6/ 5																					1				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733	FURT MEADE MARYLAND/TIPTON AAF
STATION	STATION NAME

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HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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FORT MEADE MARYLAND/TIPTON AAF

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NGV

STATION

STATION NAME

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HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point															
72/ 71				.2														2		2																	
70/ 69			.1	.1														2		2																	
68/ 67			.5	.1	.2													7		7																	
66/ 65			.6	.4	.1	.1	.1											11		11		4															
64/ 63		.2		.1	.1	.4	.1											8		8		7		2													
62/ 61		.2		.2	.2	.2		.1										7		7		5		11													
60/ 59	.2	.4	.8	.2	.1	.1		.1										17		17		11		5													
58/ 57	.1	.8	1.2	.2		.2												22		22		7		6													
56/ 55		.6	1.5	.1		.4	.1											22		22		20		11													
54/ 53	.2	1.3	.8	.7	.2	.1	.1											30		30		26		18													
52/ 51	.1	1.9	1.3	.5	.7	.1	.1											40		40		28		15													
50/ 49	.1	1.0	1.2	.8	.5	.1												31		31		26		33													
48/ 47	.4	1.8	1.2	1.6	.6	.2	.2											50		50		34		21													
46/ 45	.2	1.6	1.7	2.4	.5	.4												56		56		36		38													
44/ 43	.6	2.8	1.7	1.3	.2	.1												56		56		50		25													
42/ 41	.6	1.1	1.8	1.2	.4	.1												43		43		59		41													
40/ 39	.4	2.7	2.5	2.2	.7													70		70		52		30													
38/ 37	.2	4.5	1.7	2.4	.1													74		74		61		28													
36/ 35	.4	3.2	3.5	2.1	.5													79		79		76		69													
34/ 33	.2	3.0	2.4	.7														53		53		67		80													
32/ 31	.1	3.2	1.9	.2														45		45		84		41													
30/ 29	.5	2.9	1.6	.4														44		44		64		51													
28/ 27	.2	2.3	1.2	.2														33		33		47		57													
26/ 25		.5	.8	.1														12		12		28		68													
24/ 23		.6	.1															6		6		16		40													
22/ 21		.2																2		2		11		41													
20/ 19		.2																2		2		3		29													
18/ 17		.1																1		1		2		19													
16/ 15																						1		16													
14/ 13																								9													
12/ 11																								5													
10/ 9																								7													
8/ 7																								6													
6/ 5																								1													
Element (X)	Σ X'			Σ X			X			Σ X			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64
AFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733	FORT MEADE MARYLAND/TIPTON AAF	59-69
STATION	STATION NAME	

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HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-65
YEARSDEC
MONTH

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0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
60/ 59		.2																1	1																		
58/ 57	.2	.3		.2														4	4		4																
56/ 55		.2		.2	.3													4	4		4																
54/ 53	.2	.6		.2	.2		.2											8	8		4																
52/ 51	.2	.6	.5															8	8		7																
50/ 49		.9	.3															8	8		7																
48/ 47		.2				.3												3	3		9																
46/ 45	.9	2.2	.5	.8	.2													29	29		13																
44/ 43	.9	.8	.5	1.2	.2	.3												25	25		22																
42/ 41	.5	1.8	.3		.5													20	20		11																
40/ 39	.5	3.1	1.1	.6														34	34		30																
38/ 37	.2	1.1	.6	2.0														25	25		23																
36/ 35		1.2	2.0	1.7														32	32		15																
34/ 33	.8	2.6	2.0	.2														36	36		34																
32/ 31	.5	4.3	2.3	1.1														53	53		44																
30/ 29	.3	6.0	2.5	.5														60	60		61																
28/ 27	.3	6.6	1.4	.2														55	55		65																
26/ 25	.8	3.1	2.6	.2														43	43		63																
24/ 23	.6	3.5	1.4	.5														39	39		31																
22/ 21	.5	2.9	1.5															34	34		46																
20/ 19	1.8	2.9	1.4	.2														41	41		32																
18/ 17	.5	3.2	.6															28	28		44																
16/ 15	2.1	.9	.2															22	22		39																
14/ 13	.3	.6	.2															8	8		11																
12/ 11	.5	1.4	.3															14	14		10																
10/ 9	.8	.5	.2															9	9		14																
8/ 7	.2																	1	1		5																
6/ 5	.3	.2																3	3		2																
4/ 3	.2																	1	1		2																
2/ 1	.2																	1	1		1																
0/ -1	.3																	2	2		2																
-2/ -3																																					
-4/ -5																																					
-6/ -7																																					
Element (X)	Σ X'			Σ X			Σ			°			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIC

FORT HEADE MARYLAND/TIPTON AAF
STATION NAME

57-65

YEARS

DEC
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-14/-15																					2
TOTAL	14.4	51.8	22.4	9.4	1.5	.3	.2											651	651	651	651

JSAFETAC FORM 0.26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-65
YEARSDEC
MONTHPAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
60/ 59				.2														1									1					
58/ 57		.2		.3														3									3					
56/ 55		.8	.3	.2														8									8	3	3			
54/ 53		.2	.2	.3														4									4	6	4			
52/ 51	.2	.6																5									5	9	3			
50/ 49	.5	.3	.2															6									6	5	7			
48/ 47	.2	.6			.2	.2												7									7	7	9			
46/ 45		1.1	.3	.5	.2													13									13	5	5			
44/ 43	.5	1.7		.3	.2													17									17	15	11			
42/ 41	.8	1.2		.3														15									15	15	15			
40/ 39	.8	2.0	1.2	.8	.5													34									34	24	7			
38/ 37	.5	1.5	1.4	1.1														29									29	13	20			
36/ 35	.2	1.8	1.5	1.1														30									30	21	6			
34/ 33	.9	2.6	2.2	.9														43									43	36	13			
32/ 31	1.4	3.4	1.4	.8														45									45	46	41			
30/ 29		7.7	3.1															70									70	53	21			
28/ 27	.9	5.2	1.4															49									49	75	28			
26/ 25	1.5	3.8	2.0															48									48	60	55			
24/ 23	1.1	2.9	.6	.5														33									33	39	58			
22/ 21	1.1	2.2	1.8	.2														34									34	36	51			
20/ 19	1.1	2.9	1.2		.2													35									35	28	40			
18/ 17	1.4	4.5	.2		.2													40									40	37	40			
16/ 15	1.5	.9	.5															19									19	45	33			
14/ 13	.9	1.5	.3															18									18	16	34			
12/ 11	1.1	.9	.2															14									14	18	18			
10/ 9	1.4	.9	.2															16									16	19	23			
8/ 7	.6		.3															6									6	8	29			
6/ 5	.5																	3									3	6	28			
4/ 3	.3																	2									2	2	13			
2/ 1	.2																	1									1	1	8			
0/ -1	.2																	1									1	1	8			
-2/ -3	.3																	2									2	2	4			
-4/ -5																														7		
-6/ -7																														4		
Element (X)	Σ x ²				Σ x				\bar{x}	σ_x	No Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-65

YEARS

DEC
MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSDEC
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
62/ 61		.2	.2																4	4								
60/ 59		.1	.2	.6															9	9	3	1						
58/ 57		.1	.1	.1															3	3	3	4						
56/ 55		.6	.2	.1															9	9	6	2						
54/ 53		.1	.2	.1															4	4	11	7						
52/ 51		.6																	6	6	7	5						
50/ 49	.1	.5			.2	.1													9	9	10	12						
48/ 47	.1	.9	.1																11	11	4	11						
46/ 45		.5	.1			.2													8	8	9	6						
44/ 43	.9	1.1		.4															24	24	18	17						
42/ 41	.4	1.0	.3	.5	.2														24	24	15	8						
40/ 39	.7	3.3	1.4	1.5	.1														70	70	25	22						
38/ 37		1.7	1.6	1.0	.1														44	44	30	17						
36/ 35	.6	2.1	2.0	.7															54	54	36	33						
34/ 33	.8	3.1	1.8	1.8	.1														76	76	64	24						
32/ 31	1.5	5.1	2.8	1.6															110	110	93	53						
30/ 29	.3	4.4	3.7	1.3															97	97	77	59						
28/ 27	.6	4.3	1.9	.1															69	69	105	60						
26/ 25	.8	3.9	1.2																59	59	90	70						
24/ 23	.3	3.3	1.1	.1															48	48	70	56						
22/ 21	1.3	2.1	1.5																49	49	54	80						
20/ 19	1.0	1.4	.7																31	31	37	73						
18/ 17	1.1	2.0	.8																39	39	44	58						
16/ 15	2.1	1.9	.3																43	44	46	63						
14/ 13	1.0	2.0																	30	30	39	37						
12/ 11	1.1	1.3	.3																27	27	28	47						
10/ 9	1.4	.5																	19	19	29	28						
8/ 7	.8	.1	.2																11	11	11	40						
6/ 5	.7																		7	7	10	38						
4/ 3	.1	.1																	2	2	2	20						
2/ 1	.2																		2	2	2	16						
0/ -1	.2																		2	2	2	15						
-2/ -3	.1																		1	1	1	6						
-4/ -5																						6						
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature										Total		
Rel. Hum.																≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F												
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

93733	FORT MEADE MARYLAND/TIPTON AAF	59-69	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/-7																					1
-8/-9																					3
-14/-15																					3
TOTAL	18.2	48.3	22.7	9.9	.7	.3													1001	1001	1001
																		1001		1001	
																	</				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FOPT MEADE MARYLAND/TIPTON AAF

59-69

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
68/ 67			.1		.1													2	2						
66/ 65			.1		.3													4	4						
64/ 63				.2														2	2	1					
62/ 61		.1	.3					.1										5	5	1	1				
60/ 59		.1	.1	.4														6	6	5	2				
58/ 57		.3	.1		.3	.2	.1	.1										11	11	7	2				
56/ 55		.3			.1	.2		.1										7	7	5	6				
54/ 53	.1	.3		.3	.2	.2	.1											12	12	8	7				
52/ 51	.1	.3	.5		.4	.2												15	15	4	10				
50/ 49	.2	.2	.3	.3	.5	.6	.1											22	22	9	8				
48/ 47	.1	1.3	.5	.6	.7	.1												33	33	20	4				
46/ 45	.2	1.3	.7	.9	1.0	.3												44	44	22	17				
44/ 43	.3	1.3	.8	1.0	.9		.1											44	44	38	14				
42/ 41	1.0	1.1	1.4	1.0	.8	.2												60	60	42	24				
40/ 39	.6	2.2	1.6	1.6	1.0													70	70	55	32				
38/ 37	.1	2.2	2.8	2.7	.7													88	88	65	28				
36/ 35	.3	1.8	3.7	2.8	.8													96	96	68	44				
34/ 33	.6	4.0	3.3	2.4	.3													109	109	73	42				
32/ 31	.7	2.3	3.3	1.7														82	82	128	65				
30/ 29		2.9	3.0	.7	.1													69	69	97	67				
28/ 27		2.0	2.0	.8														48	48	99	65				
26/ 25		1.6	1.8	.6														40	40	57	71				
24/ 23	.2	2.3	2.7	.4														58	58	51	75				
22/ 21	.2	.9	1.2															23	23	43	73				
20/ 19	.3	1.3	1.4															30	30	45	61				
18/ 17	.1	1.1	.5															17	17	30	50				
16/ 15	.2	.2	.4															8	8	26	53				
14/ 13	.3	.4	.3															10	10	9	40				
12/ 11	.1	.2	.1															4	4	8	34				
10/ 9	.1	.1	.1															3	3	3	39				
8/ 7																				2	17				
6/ 5																				1	20				
4/ 3	.1																	1	1	1	15				
2/ 1																					12				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

59-69

DEC
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					14
-2/ -3																					2
-4/ -5																					1
-8/ -9																					1
-10/-11																					2
-12/-13																					2
-14/-15																					1
TOTAL	5.8	31.9	33.4	18.3	8.0	2.0	.4	.3											1023		1023
																		1023		1023	

JSAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733

FORT MEADE MARYLAND/TIPTON AAF

59-69

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. Y.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1	.2														3	3		
70/ 69				.2		.3	.2														7	7		
68/ 67			.1		.2	.1															6	6		
66/ 65			.1		.1			.1	.1		.1										5	5		
64/ 63								.1		.1											2	2	3	
62/ 61		.2	.2			.3	.2		.2												11	11	3	4
60/ 59						.4	.7		.1												12	12	10	1
58/ 57		.2			.1	.7	.6	.1	.1												18	18	9	1
56/ 55	.3	.3	.3	.6	.8	.6	.1	.2													26	26	7	7
54/ 53		.3	.1	.6	.3	1.2	.2	.2													29	29	3	12
52/ 51		.6	.4	.7	.9	1.2	.6														44	44	14	6
50/ 49	.1	.5	.9	.7	1.3	.7	.4														46	46	20	6
48/ 47	.2	.7	.9	.6	1.5	.9	.3														51	51	38	13
46/ 45	.1	1.3	1.4	1.0	1.7	.9	.1														65	65	50	12
44/ 43	.5	1.4	.5	1.0	.9	.6	.3														52	52	59	22
42/ 41	.5	.9	.7	1.6	2.1	.9															67	67	66	42
40/ 39		.9	1.7	2.8	3.9	.4															99	99	57	29
38/ 37		.9	2.0	4.0	2.0	.2															92	92	52	38
36/ 35	.1	1.7	2.2	3.4	1.0	.1															86	86	74	32
34/ 33	.4	2.2	2.1	2.6	.5																79	79	114	43
32/ 31	.3	1.0	1.5	2.1	.3																52	52	131	73
30/ 29	.1	.7	1.9	2.7	.2																57	57	80	61
28/ 27	.1	1.0	1.1	2.0	.1																43	43	60	50
26/ 25		.5	.7	1.3																	25	25	60	71
24/ 23		.4	1.1	.1																	16	16	40	61
22/ 21		.3	1.0	.1																	14	14	29	84
20/ 19		.5	.4	.1																	10	10	23	60
18/ 17		.1	.2																		3	3	14	61
16/ 15		.1	.1																		2	2	5	56
14/ 13			.1																		1	1	4	42
12/ 11																							1	22
10/ 9																							1	31
8/ 7																								21
6/ 5																								14
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATION

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

39-69

DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733
STATIONFORT MEADE MARYLAND/TIPTON AAF
STATION NAME59-69
YEARSDEC
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
72/ 71							.3											3	3								
70/ 69				.1		.2	.2	.1										6	6								
68/ 67			.2		.1		.1											4	4								
66/ 65			.1		.1	.3	.4	.1		.1	.1							12	12								
64/ 63		.1					.2			.1								4	4	3							
62/ 61		.2		.1	.1	.2	.1	.1										8	8	5	5						
60/ 59					.3		.3	.2										8	8	5	2						
58/ 57		.1			.3	.5	.1	.2										12	12	4							
56/ 55	.3	.3	.2	.3	.4	1.0	.4	.3										32	32	11	5						
54/ 53			.2	.6	.8	.5	.7											28	28	7	7						
52/ 51	.1	.6	.4	.7	.8	.5		.1										32	32	11	6						
50/ 49		.6	1.1	1.0	.7	.7	.5											46	46	20	11						
48/ 47		.7	.9	.9	.7	.7	.3											42	42	37	7						
46/ 45	.1	1.8	1.1	1.4	1.6	1.0	.1											71	71	49	16						
44/ 43	.7	.9	.6	1.5	1.7	.5	.4											63	63	63	33						
42/ 41	.7	.6	.5	2.6	1.5	.3												63	63	51	39						
40/ 39		.7	1.6	3.2	3.1	.8												96	96	47	34						
38/ 37		1.3	1.5	3.2	2.1	.3												85	85	52	34						
36/ 35	.1	1.7	2.9	3.3	1.1													93	93	95	35						
34/ 33	.2	2.0	2.3	2.2	.8													77	77	100	34						
32/ 31	.2	2.1	1.0	2.3	.7	.1												65	65	120	61						
30/ 29	.1	.7	1.9	2.0	.2													49	49	101	54						
28/ 27	.2	1.3	1.4	2.2	.1													52	52	62	75						
26/ 25	.2	.5	.7	1.1	.1													26	26	57	72						
24/ 23		.6	.9	.3														18	18	45	73						
22/ 21		.4	.5	.2														11	11	32	62						
20/ 19		.5	.5	.1														11	11	23	59						
18/ 17		.1	.3															4	4	11	62						
16/ 15		.1	.1															2	2	8	53						
14/ 13																				3	47						
12/ 11																				1	22						
10/ 9																					25						
8/ 7																					27						
6/ 5																					18						
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total								
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1500-1700
HOURS (L - S - T)

[illegible]

USAFETAC
FCM
JL 04
0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

१२१०.

FORT MEADE MARYLAND/TIPTON AAF
STATION NAME

59-69

DEC
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

93733 FORT MEADE MARYLAND/TIPTON AAF
STATION STATION NAME

59-64

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 FORT MEADE MARYLAND/TIPTON AAF
STATION STATION NAME

59-69

DEC
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOT-L		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/-7																					1
-8/-9																					2
-10/-11																					3
TOTAL	9.443	0.32	8.10	6.2	2.9	1.2	.1											900	900	900	
																		900		900	
														</							

USAFE-AC FORM 0-26.5 (01-71) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93733 FORT MEADE MARYLAND/TIPTON AAF 59-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	27.4	30.2	36.1	45.5	55.9	63.2	67.2	66.2	60.2	46.9	40.5	29.9	47.4	
	S D	11.502	9.520	9.960	10.402	7.896	6.842	5.401	6.136	8.782	9.337	10.199	10.670	17.012	
	TOTAL OBS	651	594	650	593	358	615	631	651	633	558	591	651	7396	
03-05	MEAN	25.9	28.8	34.1	43.5	52.9	60.9	65.4	64.5	58.1	45.6	39.2	28.4	46.5	
	S D	11.605	9.942	10.256	10.496	8.397	7.120	5.663	6.476	8.905	9.826	10.606	10.837	16.863	
	TOTAL OBS	651	594	649	609	692	723	747	746	703	648	591	651	8004	
06-08	MEAN	25.7	27.9	34.9	46.7	56.9	66.0	69.8	67.9	59.9	47.2	39.2	29.1	47.8	
	S D	11.493	10.255	9.822	9.702	8.521	6.856	5.579	6.315	8.684	10.154	10.572	10.934	18.227	
	TOTAL OBS	1003	915	1003	976	1023	990	1023	1023	900	923	927	1002	11708	
09-11	MEAN	31.6	33.8	42.8	55.5	65.5	75.2	78.4	77.2	70.3	59.2	47.8	35.0	56.0	
	S D	10.340	9.277	10.352	10.166	9.139	7.104	5.688	5.711	8.076	8.373	8.852	9.951	19.047	
	TOTAL OBS	1023	933	1023	990	1023	990	1023	1023	900	927	954	1023	11832	
12-14	MEAN	37.1	38.7	48.0	60.4	70.2	79.6	82.7	81.8	75.2	65.0	53.4	40.2	61.0	
	S D	10.847	9.836	11.915	11.474	9.946	7.734	6.115	6.102	8.719	8.968	9.238	10.100	19.105	
	TOTAL OBS	1023	933	1023	990	1023	990	1023	1023	900	930	954	1023	11835	
15-17	MEAN	37.5	39.6	49.2	61.4	71.1	79.8	82.9	81.9	75.1	64.5	52.6	39.9	61.0	
	S D	10.631	9.735	11.923	11.555	9.839	7.560	6.163	5.865	8.525	8.898	9.234	10.065	19.031	
	TOTAL OBS	1023	933	1023	985	976	953	983	986	872	900	954	1023	11611	
18-20	MEAN	32.0	35.4	44.1	55.8	65.9	74.2	77.5	75.2	67.4	55.1	45.4	34.7	55.3	
	S D	10.108	8.684	10.512	10.152	8.773	6.950	5.695	5.927	8.521	9.049	9.300	9.237	18.362	
	TOTAL OBS	909	822	909	880	878	879	906	912	812	828	825	900	10460	
21-23	MEAN	29.0	32.3	39.0	49.9	59.1	66.9	70.7	68.9	62.1	49.8	41.9	32.3	49.6	
	S D	10.814	8.894	9.810	9.494	7.986	6.588	5.240	5.910	8.550	9.509	9.992	9.924	17.128	
	TOTAL OBS	908	822	909	862	772	791	823	823	752	749	825	900	993	
ALL HOURS	MEAN	31.2	33.7	41.6	53.2	63.0	71.5	75.0	73.7	66.4	55.0	45.6	34.2	53.0	
	S D	11.729	10.386	11.990	12.208	10.963	9.857	8.560	8.868	10.772	11.879	11.136	11.064	19.096	
	TOTAL OBS	7191	6546	7189	6885	6945	6931	7179	7189	6472	6463	6621	7173	82784	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93733 FORT MEADE MARYLAND/TIPTON AAF 59-70

STATION	STATION NAME	YEARS												
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN S D TOTAL OBS	25.2 10.797 651	27.7 9.203 594	32.9 9.245 650	41.6 9.307 593	51.9 7.400 558	60.4 6.472 612	64.1 5.447 651	63.7 6.191 651	57.7 8.577 633	44.9 9.070 558	37.8 9.554 591	27.7 10.260 651	44.6 16.642 7393
03-05	MEAN S D TOTAL OBS	24.0 10.937 648	26.5 9.657 594	31.5 9.674 649	40.4 9.647 609	49.7 8.091 692	58.5 6.864 720	62.8 5.799 745	62.2 6.554 746	55.9 8.821 703	43.7 9.492 747	36.8 10.000 591	26.6 10.436 651	44.1 16.566 7995
06-08	MEAN S D TOTAL OBS	23.7 10.899 1002	25.5 9.744 913	32.0 9.249 1003	42.6 8.903 976	52.1 8.037 1023	61.7 6.330 988	65.6 5.376 1023	64.4 6.281 1023	57.0 8.506 900	44.8 9.903 920	36.5 9.985 927	27.1 10.410 1001	44.6 17.398 11699
09-11	MEAN S D TOTAL OBS	28.2 9.709 1023	29.7 8.731 933	37.1 8.817 1023	47.2 8.260 990	56.2 7.578 1023	65.5 6.201 990	68.9 4.983 1023	68.4 5.478 1020	62.4 7.507 900	52.2 8.043 927	42.3 8.412 954	31.5 9.322 1023	49.1 16.726 11829
12-14	MEAN S D TOTAL OBS	31.9 9.631 1023	32.9 8.647 933	40.1 9.032 1023	49.6 8.333 988	58.0 7.403 1023	66.8 6.301 990	69.8 5.009 1023	69.5 5.628 1020	64.0 7.479 900	54.5 8.018 930	45.3 8.323 954	34.8 9.013 1023	51.4 15.926 11830
15-17	MEAN S D TOTAL OBS	32.1 9.361 1022	33.5 8.701 933	40.6 8.862 1023	50.0 8.036 985	58.3 7.161 976	67.0 6.074 953	69.8 4.826 983	69.4 5.580 986	64.1 7.299 872	54.4 8.075 900	44.8 8.503 954	34.6 9.023 1023	51.3 15.824 11610
18-20	MEAN S D TOTAL OBS	28.6 9.491 906	31.0 8.295 822	37.9 8.685 909	47.4 8.120 880	56.6 7.249 878	65.7 5.914 879	68.7 4.831 906	67.6 5.425 912	61.7 7.605 812	50.6 8.883 826	40.8 8.975 825	31.4 8.910 599	49.1 16.453 10456
21-23	MEAN S D TOTAL OBS	26.5 10.167 904	29.0 8.521 822	35.0 8.840 909	44.5 8.533 862	53.8 7.546 772	62.9 6.100 790	66.3 5.140 823	65.3 5.779 825	58.9 8.127 752	47.1 9.159 749	38.5 9.502 825	29.6 9.567 900	45.9 16.500 9933
ALL HOURS	MEAN S D TOTAL OBS	27.8 10.531 7179	29.7 9.298 6544	36.3 9.611 7189	45.9 9.189 6883	55.0 8.088 6945	63.9 6.879 6922	67.3 5.701 7177	66.6 6.378 7183	60.4 8.514 6472	49.5 9.723 6459	40.7 9.690 6621	30.8 10.033 7171	47.8 16.747 82745

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93733 FORT MEADE MARYLAND/TIPTON AAF 59-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	19.2	21.2	27.1	36.6	48.2	58.6	62.3	62.2	55.8	42.6	33.9	22.3	40.8	
	S D	12.860	12.206	11.333	10.855	9.024	6.933	6.334	6.812	9.215	10.115	11.025	12.685	18.943	
	TOTAL OBS	651	594	650	593	358	612	651	651	623	550	591	651	7393	
03-05	MEAN	18.3	20.3	26.1	36.2	46.7	57.0	61.3	60.8	54.3	41.6	33.0	21.7	40.8	
	S D	12.864	12.646	11.778	10.962	9.443	7.240	6.525	7.124	9.431	10.232	11.247	12.506	18.701	
	TOTAL OBS	648	594	649	609	692	720	745	746	703	647	591	649	7993	
06-08	MEAN	17.6	18.6	26.2	37.5	47.8	59.0	63.2	62.3	54.8	42.2	32.1	22.0	40.4	
	S D	13.194	12.803	11.499	10.735	10.021	7.182	6.355	7.027	9.347	10.939	11.446	12.362	19.510	
	TOTAL OBS	1002	913	1003	976	1023	988	1023	1023	900	920	927	1001	11699	
09-11	MEAN	20.0	20.1	28.0	37.8	48.3	59.7	63.9	63.6	57.1	45.6	35.1	24.6	42.0	
	S D	13.077	13.107	11.601	11.661	10.481	8.176	6.930	7.368	9.725	10.905	11.307	12.113	19.300	
	TOTAL OBS	1023	933	1023	990	1023	990	1023	1020	900	927	954	1023	11829	
12-14	MEAN	21.1	21.1	28.6	38.0	48.4	59.3	63.0	63.0	56.8	45.0	35.3	25.4	42.1	
	S D	13.249	13.461	11.604	11.900	10.349	8.755	7.429	7.942	10.143	11.697	11.967	12.345	18.976	
	TOTAL OBS	1022	933	1023	988	1023	990	1023	1020	900	930	954	1023	11829	
15-17	MEAN	21.2	21.1	28.4	37.8	48.3	59.5	63.0	62.6	57.0	45.1	35.1	25.4	41.8	
	S D	13.026	13.601	11.827	11.742	10.264	8.725	7.409	8.140	10.210	11.895	12.308	12.411	19.040	
	TOTAL OBS	1022	933	1023	985	976	953	983	986	872	900	954	1023	11610	
18-20	MEAN	20.5	21.3	28.3	38.0	49.1	60.7	64.1	63.5	58.1	46.1	34.5	24.5	42.4	
	S D	12.650	12.837	11.545	11.443	10.129	7.865	6.827	7.130	9.042	11.081	11.753	11.966	19.245	
	TOTAL OBS	906	822	909	880	878	879	906	912	812	828	825	899	10456	
21-23	MEAN	19.7	20.9	28.1	38.0	49.2	60.4	63.8	63.2	56.8	44.1	33.5	23.8	41.1	
	S D	12.688	12.235	11.171	10.909	9.655	6.805	6.132	6.554	8.846	10.565	11.504	12.209	19.136	
	TOTAL OBS	904	822	909	862	772	790	823	825	752	749	825	900	9933	
ALL HOURS	MEAN	19.8	20.6	27.7	37.6	48.3	59.3	63.1	62.7	56.4	44.2	34.1	23.9	41.5	
	S D	13.022	12.951	11.581	11.340	10.036	7.885	6.846	7.366	9.606	11.135	11.667	12.380	19.143	
	TOTAL OBS	7178	6344	7189	6883	6945	6922	7177	7183	6472	6459	6621	7169	82742	

1. *As a result of the above, the Commission has concluded that the*
information provided by the respondent is not sufficient to establish
that the respondent is a member of the Communist Party of the United
States of America.

RELATIVE HUMIDITY

6. (1-7')

PERIOD

1995
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1	00-0	100.0	100.0	100.0	98.6	96.5	73.1	59.1	43.0	13.7	72.7	65
	03-0	100.0	100.0	99.7	97.5	76.0	77.0	52.3	44.4	15.6	73.5	64
	06-0	100.0	100.0	99.5	97.5	86.2	75.5	59.3	39.3	11.6	72.4	100
	09-1	100.0	99.9	99.0	91.1	71.5	51.7	37.0	22.0	6.7	63.4	102
	12-1	100.0	99.4	93.8	72.9	48.2	33.2	20.7	12.5	2.3	54.5	102
	15-1	100.0	99.2	93.6	76.3	51.0	34.8	21.5	13.7	2.2	54.4	102
	18-2	100.0	100.0	98.7	89.1	73.2	55.5	30.4	22.7	7.8	64.2	86
	21-2	100.0	100.0	99.6	94.3	83.5	67.9	52.1	32.5	1.4	69.4	90
TOTALS		100.0	99.6	98.3	88.7	74.5	54.6	43.8	22.0	2.1	65.7	717

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-11-2010 BY 60322 UCBAW

1533
STATION

STATION NAME

2.430/45

PERIOD

MONTH

[illegible]

2

DATE OF PREPARATION: 10/1/64
 BY: [illegible]
 FOR: [illegible]

RELATIVE HUMIDITY

STATION: [illegible] STATION NAME: [illegible] AAF

80-7

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-10	100.0	100.0	100.0	99.5	97.1	94.2	91.5	84.3	74.9	63.4	71.4	65.0
11-20	100.0	100.0	100.0	99.4	97.4	93.4	84.9	69.6	43.6	15.4	74.0	64.0
21-31	100.0	100.0	100.0	99.9	97.5	95.0	92.0	84.8	71.1	13.4	72.0	100.0
1-11	100.0	99.7	98.4	97.0	94.0	90.8	83.0	70.0	47.3	0.4	59.3	102.3
12-15	100.0	99.0	96.1	91.5	86.4	80.3	72.3	59.3	31.3	3.0	50.6	102.3
16-21	100.0	97.7	94.1	84.2	76.1	66.1	54.3	40.5	14.2	0.4	41.5	102.3
22-27	100.0	99.0	94.4	86.2	76.4	63.4	47.3	25.2	10.2	6.9	56.2	90.8
28-31	100.0	99.9	98.9	97.0	94.0	79.5	67.7	42.7	21.3	10.3	67.0	90.8
TOTALS		100.0	99.4	94.3	82.5	67.0	51.0	37.6	25.2	1.4	62.3	710.8

2

STATION NAME
STATION NUMBER
STATION TYPE

RELATIVE HUMIDITY

STATION
STATION

STATION NAME
STATION NAME

PERIOD
PERIOD

MONTH
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-11	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12-1	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
TOTALS		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

ATMOSPHERIC SSI IN THE
TROPICS

B. ESTEY AND J. H. JOHNSON

RELATIVE HUMIDITY

STATION	STATION NAME
1033	7 JAN 1964 LA / 1151 ABE

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1-0	100.0	100.0	100.0	100.0	100.0	99.4	96.4	90.7	70.4	30.6	85.7	612
1-0	100.0	100.0	100.0	100.0	100.0	99.9	96.9	93.8	83.1	37.2	81.5	120
1-0	100.0	100.0	100.0	100.0	100.0	97.7	90.3	75.4	52.5	17.3	79.0	288
1-1	100.0	100.0	99.5	93.4	72.5	47.1	23.3	11.3	2.3	0.3	60.3	990
1-1	100.0	100.0	96.6	75.4	45.3	26.2	10.1	6.3	1.0	0.0	51.9	920
1-1	100.0	100.0	73.8	13.0	48.0	26.4	14.3	5.1	1.0	0.0	52.2	353
1-2	100.0	100.0	99.0	93.4	72.7	60.3	36.1	17.0	3.9	0.6	64.6	370
1-2	100.0	100.0	100.0	100.0	99.7	94.3	82.0	5.0	14.7	86.6	70.0	700
TOTALS		100.0	100.0	98.6	91.8	80.7	67.4	53.2	39.4	13.7	70.2	6922

12138

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STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
J	00-0	100.0	100.0	100.0	100.0	99.1	98.2	92.0	87.0	40.7	87.4	651
	03-0	100.0	100.0	100.0	100.0	100.0	99.2	93.2	88.7	43.2	88.3	746
	06-0	100.0	100.0	100.0	100.0	99.3	95.9	95.7	63.0	35.0	63.0	1023
	09-11	100.0	100.0	100.0	97.7	81.4	76.3	33.6	17.2	3.7	64.3	1020
	12-1	100.0	100.0	76.1	64.3	34.2	32.1	13.0	4.7	1.2	34.4	1020
	15-17	100.0	100.0	78.0	60.7	36.7	31.8	14.2	4.2	.8	33.9	935
	18-2	100.0	100.0	99.9	98.3	87.2	68.6	46.2	23.0	5.3	68.3	912
	21-2	100.0	100.0	100.0	100.0	98.7	95.5	66.7	64.8	23.2	82.8	825
TOTALS		100.0	100.0	99.5	74.9	64.5	72.3	58.5	44.0	17.9	72.8	7133

2

AFD 80-1550-1 DIVISION
ETAC/USAF
AFD 80-1550-1 DIVISION

RELATIVE HUMIDITY

03/23
STATION

1. 000 000000 000000 000000
STATION NAME

0000
PERIOD

0000
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
01	00-09	100.0	100.0	100.0	97.0	97.0	96.0	95.0	77.0	30.0	56.3	633
02	00-09	100.0	100.0	100.0	100.0	97.0	97.0	90.0	61.0	21.0	47.5	163
03	00-09	100.0	100.0	100.0	100.0	90.0	94.0	69.0	50.0	20.0	53.0	690
04	00-09	100.0	100.0	99.0	95.0	77.0	59.0	37.0	10.0	4.0	44.0	200
05	00-09	100.0	100.0	95.0	77.0	57.0	37.0	19.0	10.0	2.0	55.0	200
06	00-09	100.0	99.0	95.0	77.0	59.0	37.0	22.0	11.0	0.0	52.0	572
07	00-09	100.0	100.0	99.0	95.0	91.0	80.0	61.0	30.0	11.0	77.0	210
08	00-09	100.0	100.0	100.0	99.0	97.0	94.0	89.0	71.0	50.0	66.0	750
09	00-09											
10	00-09											
11	00-09											
12	00-09											
TOTALS		100.0	100.0	98.7	93.2	80.0	74.0	61.3	47.5	20.1	73.0	6472

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FORCE SERVICE/TAC

RELATIVE HUMIDITY

93733

STATION

10110000 BARVLANO/TIPTON AAF

STATION NAME

5-6

PERIOD

IV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00-04	100.0	100.0	100.0	97.5	91.7	83.4	72.4	59.1	46.1	78.7	591
	05-09	100.0	100.0	100.0	99.2	94.2	86.1	74.3	61.4	48.1	80.0	591
	10-14	100.0	100.0	100.0	99.5	93.3	82.5	68.5	50.3	39.8	77.0	927
	15-19	100.0	100.0	99.3	90.4	73.1	51.9	36.0	20.0	7.4	63.5	954
	20-24	100.0	99.7	93.1	70.4	40.6	29.2	18.9	10.1	2.9	52.8	954
	25-29	100.0	99.6	92.6	72.5	49.0	32.6	21.0	10.4	2.7	53.5	954
	30-34	100.0	100.0	98.7	93.3	83.5	65.3	45.0	23.5	7.9	67.3	825
	35-39	100.0	100.0	99.6	96.6	91.6	78.5	60.7	40.5	13.7	73.7	825
	40-44											
	45-49											
	50-54											
	55-59											
	60-64											
	65-69											
	70-74											
	75-79											
	80-84											
	85-89											
	90-94											
	95-99											
	TOTALS	100.0	99.9	97.9	89.9	77.9	63.7	49.6	34.4	13.6	68.4	6621

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
1	00-0	100.0	100.0	99.1	97.4	90.2	77.4	62.3	47.5	17.1	74.6	651
	03-0	100.0	100.0	99.7	95.7	94.0	82.4	67.3	51.5	20.8	76.7	649
	06-0	100.0	100.0	100.0	97.9	91.9	79.7	66.8	48.7	16.9	76.0	1001
	09-11	100.0	100.0	99.6	94.6	79.0	62.1	44.5	29.4	10.9	67.5	1023
	12-14	100.0	99.8	96.3	82.4	56.6	38.1	25.3	17.5	7.6	57.0	1023
	15-17	100.0	99.8	95.6	81.7	59.8	40.8	27.6	17.6	7.5	58.6	1023
	18-21	100.0	100.0	99.4	94.1	82.3	64.4	42.5	27.0	12.1	67.8	899
	21-23	100.0	100.0	99.4	96.0	88.4	75.3	58.7	37.7	13.9	72.4	900
TOTALS		100.0	100.0	98.6	92.9	80.3	65.0	49.4	34.6	13.6	68.9	7165

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART F

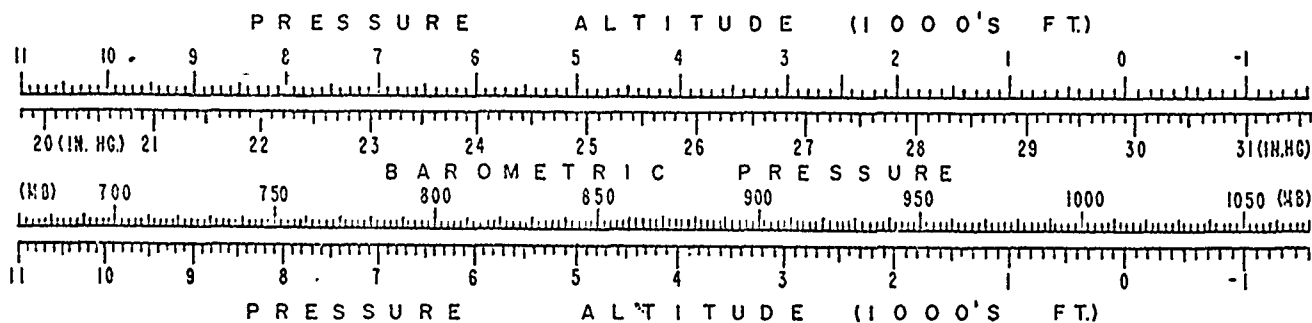
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93733 FORT MEADE MARYLAND/TIPTON AAF 59-70

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.914	29.871	29.859	29.814	29.860	29.837	29.808	29.844	29.898	29.895	29.905	29.939	29.870
	S D	.245	.294	.241	.237	.159	.150	.133	.120	.175	.196	.262	.269	.218
	TOTAL OBS	217	198	217	198	186	205	217	217	211	186	197	217	2466
04	MEAN	29.931	29.896	29.851	29.774	29.856	29.823	29.798	29.839	29.891	29.886	29.900	29.941	29.867
	S D	.258	.289	.256	.256	.180	.153	.139	.122	.180	.201	.265	.274	.225
	TOTAL OBS	153	141	154	137	124	145	179	186	181	155	167	186	1910
07	MEAN	29.952	29.878	29.877	29.871	29.890	29.860	29.847	29.870	29.928	29.930	29.915	29.937	29.896
	S D	.255	.277	.270	.247	.190	.150	.139	.124	.177	.203	.270	.278	.224
	TOTAL OBS	341	311	341	330	341	330	341	341	300	309	318	341	3944
10	MEAN	29.997	29.914	29.896	29.864	29.892	29.861	29.852	29.883	29.939	29.945	29.922	29.961	29.911
	S D	.264	.270	.274	.256	.200	.149	.141	.124	.181	.209	.277	.287	.230
	TOTAL OBS	279	254	279	270	279	270	303	310	270	278	288	310	3390
13	MEAN	29.921	29.855	29.849	29.838	29.862	29.841	29.831	29.854	29.905	29.898	29.885	29.910	29.870
	S D	.261	.281	.264	.243	.191	.147	.137	.122	.180	.204	.267	.277	.223
	TOTAL OBS	341	311	341	330	341	330	341	341	300	310	318	341	3945
16	MEAN	29.929	29.846	29.822	29.793	29.825	29.804	29.801	29.823	29.874	29.873	29.869	29.900	29.847
	S D	.253	.268	.255	.237	.194	.145	.136	.122	.177	.203	.264	.267	.219
	TOTAL OBS	279	254	279	270	279	270	302	310	270	279	288	310	3390
19	MEAN	29.933	29.849	29.839	29.812	29.843	29.810	29.803	29.829	29.879	29.887	29.897	29.933	29.859
	S D	.253	.282	.243	.221	.178	.146	.135	.113	.176	.201	.260	.258	.216
	TOTAL OBS	303	274	303	292	293	293	302	304	270	276	275	300	3485
22	MEAN	29.962	29.874	29.869	29.832	29.875	29.831	29.827	29.858	29.902	29.903	29.907	29.933	29.881
	S D	.250	.281	.249	.224	.181	.143	.135	.117	.176	.202	.261	.263	.216
	TOTAL OBS	240	217	240	232	231	233	264	273	238	245	245	269	2927
ALL HOURS	MEAN	29.943	29.871	29.858	29.820	29.864	29.835	29.823	29.851	29.903	29.904	29.901	29.931	29.876
	S D	.256	.280	.258	.241	.188	.149	.138	.122	.179	.204	.267	.272	.222
	TOTAL OBS	2153	1960	2154	2059	2074	2076	2249	2282	2040	2038	2096	2274	25457

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FORM JUL 64

0-89-5 (OL 1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

93733 FORT MEADE MARYLAND/TIPTON AAF 60-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1019.0	1018.2	1016.6	1015.3	1017.5	1016.2	1015.2	1016.2	1018.1	1018.4	1018.2	1019.2	1017.3	
	S D	8.738	9.735	8.211	8.214	5.486	5.215	4.517	4.013	5.981	7.019	9.356	8.728	7.375	
	TOTAL OBS	177	169	186	168	155	175	199	191	181	155	150	155	2061	
04	MEAN	1019.0	1018.0	1016.3	1015.0	1017.5	1016.0	1015.0	1016.0	1017.9	1018.3	1018.2	1019.3	1017.2	
	S D	8.780	9.829	8.540	8.597	5.586	5.247	4.683	4.050	6.001	7.099	9.466	8.741	7.512	
	TOTAL OBS	177	169	185	167	155	175	199	191	181	155	150	155	2059	
07	MEAN	1020.5	1018.1	1017.5	1017.4	1018.4	1016.9	1016.6	1017.2	1019.3	1019.6	1018.7	1019.2	1018.2	
	S D	8.796	9.286	9.247	8.515	6.395	5.148	4.709	4.165	5.940	7.130	9.440	9.333	7.621	
	TOTAL OBS	301	282	310	298	299	298	323	315	270	278	270	279	3523	
10	MEAN	1021.4	1018.8	1018.0	1017.5	1018.6	1017.1	1016.8	1017.6	1019.7	1020.1	1019.4	1020.2	1018.7	
	S D	9.058	9.563	9.330	8.638	6.517	5.114	4.716	4.158	5.991	7.269	9.601	9.569	7.787	
	TOTAL OBS	301	282	310	297	299	298	323	315	270	278	269	279	3521	
13	MEAN	1019.4	1017.3	1016.5	1015.8	1017.5	1016.2	1016.1	1016.6	1018.5	1018.5	1017.6	1018.3	1017.3	
	S D	9.019	9.605	9.012	8.286	6.480	5.043	4.648	4.114	6.064	7.143	9.355	9.347	7.619	
	TOTAL OBS	302	282	310	287	279	295	323	315	270	279	269	279	3490	
16	MEAN	1019.0	1016.4	1015.4	1014.6	1016.2	1015.1	1015.1	1015.5	1017.4	1017.6	1017.2	1018.2	1016.4	
	S D	8.920	9.472	8.622	7.848	6.435	4.987	4.581	4.075	5.993	7.103	9.189	8.897	7.481	
	TOTAL OBS	302	282	310	288	279	295	322	315	270	279	269	279	3490	
19	MEAN	1019.9	1017.1	1016.2	1015.4	1016.7	1015.2	1015.1	1015.8	1017.5	1018.1	1018.0	1019.0	1016.9	
	S D	8.786	9.591	8.297	7.618	5.977	4.994	4.567	3.893	6.045	7.097	9.211	8.598	7.366	
	TOTAL OBS	264	245	272	263	262	263	284	278	240	245	227	238	3091	
22	MEAN	1020.2	1017.5	1017.0	1016.4	1017.8	1016.1	1016.0	1016.7	1018.3	1018.7	1018.3	1019.2	1017.6	
	S D	8.703	9.588	8.358	7.537	5.903	4.953	4.511	3.910	5.983	7.049	9.215	8.587	7.300	
	TOTAL OBS	264	245	272	262	262	263	284	277	239	245	227	238	3078	
ALL HOURS	MEAN	1019.9	1017.6	1016.7	1016.0	1017.5	1016.1	1015.8	1016.5	1018.4	1018.7	1018.2	1019.1	1017.5	
	S D	8.889	9.573	8.785	8.207	6.226	5.115	4.665	4.106	6.039	7.155	9.360	9.038	7.556	
	TOTAL OBS	2083	1956	2155	2030	1990	2062	2257	2197	1921	1914	1831	1902	24303	

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